

June 1, 2015 Daily Report

(Presenting May 31 Progress and Plans Forward)

Refugio Incident

This daily report addresses elements listed in the *Order for Removal, Mitigation or Prevention of a Substantial Threat of Oil Discharge*. The elements include descriptions of 1) significant developments, 2) work performed, 3) analytical data received, 4) treatment and disposal information, 5) schedule of work, and 6) anticipated problems and planned resolutions. The following attachments contain detailed information pertaining to each listed element:

- Executive Summary** (describing prior day, May 31)
 - Significant Developments
 - Work Performed
 - Disposal Information
- CTEH Summary of Environmental Sampling Efforts** (May 31)
 - Analytical Data Received to Date
- Incident Action Plan** (Effective June 1 06:00 – June 3 06:59)
 - Schedule of Work to be Performed (Form 204)
- Incident Objectives Form 202** (Effective June 1 06:00 – June 3 05:59)
 - Anticipated problems and planned resolutions

Executive Summary

Incident Command Post (ICP) Santa Barbara relocated today to 495 Fairview Ave, near the Santa Barbara Airport. The Unified Command is comprised of representatives of the U. S. Coast Guard, the U. S. Environmental Protection Agency, California Department of Fish and Wildlife, Santa Barbara County Office of Emergency Management and Plains All American Pipeline. The ICP is currently overseeing operations in Santa Barbara County from Gaviota to Coal Oil Point, 51.70 miles of shoreline, 30 miles of offshore and inland where the response originated. Staging Areas are located at Refugio State Beach, El Capitan East and El Capitan West. Plains All American estimates that the maximum potential release is 101,000 gallons spilled.

The FOSC and the EPA OSC issued and cosigned an administrative order on 27th May 2015 to the responsible party for the removal, mitigation, or prevention of a substantial threat of oil discharge.

Tar ball sightings have been observed on Ventura, Los Angeles, and Orange County beaches. A separate Incident Command Post was established in the South Bay of Los Angeles and Orange Counties to respond to the pollution. The ICP for the Refugio Incident is responding to the Ventura County sightings. Furthermore, Ventura County activated their EOC and has placed a Liaison in the Refugio Incident ICP to help coordinate activities. The Naval Base Ventura County has also provided a liaison to the ICP due to impacts to Point Magu. Samples have been collected at all tar ball sites and will be fingerprinted to determine if there is any correlation to the Refugio Beach Incident.

Current Impacts

- The majority of oiling is located on beaches, cobble, riprap, and on rock faces between Arroyo Hondo and El Capitan Beach. Light oiling has been discovered as far as Point Magu (east) and 2 miles west of Arroyo Hondo (west). These areas have been targeted for manual removal as needed.
- Winds and currents have spread offshore and the leading edge eastward. Oil escaping the near shore zone is being collected by oil recovery vessels.
- Oiled areas onshore threaten sensitive and endangered species habitat areas.

Potential Impacts

- As free-floating oil progressed east, Coal Oil Point, Haskell Beach, Bacara (a 5 star resort) and Goleta Beach were oiled, however it has yet to be verified whether light oiling is from natural seepage or the current discharge. Coal Oil Point is a sensitive habitat for Plovers; Goleta Beach is a popular swimming and water sports location.
- All sensitive areas have been boomed off down to Devereaux slough which has a natural berm for exclusion.
- The pipeline was secured on 19 May 2015. The remaining oil had a potential for further oiling of beaches/wildlife and was mitigated on 20 May 2015. It was estimated the most significant impacts had likely already occurred.

Response Efforts

Waste Management		
Material	Estimated Daily Total Removed (cubic yards)	Estimated Cumulative Total Removed (cubic yards)
Oiled Sand	90	540
Oiled Vegetation	90	510
Oiled Debris/PPE	30	210
Oiled Soil	0	3,840
Absorbent	0	90

*Numbers reflect utilization of waste management coordinator

- Onshore:
 - Task forces conducted manual removal of oil waste.
 - Using hand tools, contractors removed oiled soil near the culvert on the southwest side of the railroad tracks.
 - A new section of pipeline was welded into place where the old section had been removed.
 - Work continues on cleaning the culvert area. Lane closures are expected to continue through Friday, June 5th, from 0900 to 1500.
- Shoreline:
 - Clean up continued at work sites; Work crews from Arroyo Quemado-San Bueno Ventura.
 - SCAT Teams dispatched to Ventura County Beaches in response to reports of oiled shoreline.
 - Dive operations were conducted off Refugio State Beach. No recoverable oil was observed, therefore the underwater survey team will be demobilized.
 - 4,580 feet of hard and sorbent boom are being sustained to protect 12 sites that have been identified in the ACP as sensitive.
- On Water:
 - Oil recovery vessels conducted offshore skimming of free floating oil.
 - The assigned 13 vessels and 1 barge continued booming (with both hard and sorbent boom) and skimming operations. 294 gallons of oily water mixture was collected today bringing the cumulative total to 11,915 gallons.

- The on water recovery group continues to sustain 6000 ft of hard and sorbent boom.
- Oil was observed from scheduled NOAA over flights. The area is prone to natural oil seepage and the environmental unit is assessing possible sources and distinction of natural seepage versus oil spilled from this response. In an abundance of caution, skimming operations continue to occur on suspected natural seeps to help minimize potential impact to ongoing shoreline cleanup activities.
- The temporary safety zone remains in place for 6 NM of shoreline from Tajigusas creek to and including El Capitan Beach, extending out 500 yards from the shoreline. In addition, a 100 yard radius temporary safety zone remains in place around all vessels engaged in the recovery operations.

Impact Measurements

Date	TOTAL Birds			TOTAL Mammals		
	Live	Dead	Date Totals	Live	Dead	Date Totals
31-May-15	0	17	17	4	10	14
Cumulative Total	52	50	102	36	30	66

Most Recent Survey Date	Shoreline Oiling Categories (miles and %) - Refugio Incident										Total Oiled Shoreline		Total Surveyed Shoreline		
	Heavy		Moderate		Light		Very Light		Tar balls (<1%)		No Oil Obs.	Background			
	5/30/2015	2.47	4.8%	18.29	35.4%	14.95	28.9%	3.01	5.8%	1.58	3.1%	3.70	7.2%	7.70	14.9%

- Approximately 51.70 miles of shoreline was assessed, of that 2.47 miles was heavily impacted, 18.29 miles was moderately impacted, 14.95 miles was lightly impacted, 3.01 miles was very lightly impacted, 1.58 miles was reported with tar balls, and 3.70 miles was identified with no impact. The total miles of impacted shoreline to date is 40.30 miles.
- Affected beaches border Refugio and Coal Oil Point. Campgrounds in these areas have been and remain closed, campers were evacuated. The state beaches are closed until further notice for Refugio and El Capitan beaches.
- A 23 mile by 7 mile area offshore has been closed to fishing. CA Fish and Wildlife P/B Swordfish remains on scene to enforce fishery closure.
- A 1000 foot temporary flight restriction within a 5 mile radius of Refugio Beach remains in effect until June 6th 2015. An internal incident flight restriction remains in effect within ½ mile or an altitude of 500ft in the vicinity of Coal Oil Point to protect Snowy Plover habitat.

External Affairs

- Analyzed feedback from Community Open House event and top three concerns were:
 - Perception of a delayed/slow response time within first 48 hours.
 - Why no automatic shut-off valve was present on the pipeline.
 - Why environmental/wildlife rehabilitation included use of fresh water during California's drought.
- Approximately 180 people attended yesterday's event as well as media from NPR, National Geographic, and local news outlets. Responses to comments are being drafted and release plans are being made.
- The Community Relations Unit is drafting a proposal for a roundtable discussion with key members/leaders of the Santa Barbara County business community to include the Chamber of Commerce.

Tribal and Elected Officials

- Chumash tribal members continue to be involved / consulted with response providing cultural and archeological guidance and oversight as needed.
- Continued contact with reps from Ventura County Board of Supervisors (county OEM) regarding oiling in Ventura County beaches.
- Awaiting response from Rep. Brownley's staff regarding response efforts in Ventura County. Working with community relations unit on development of roundtable discussion w/ local officials on impacts to Santa Barbara business.

Personnel Involved

- 1028 are engaged in Field Operations.
- 125 personnel checked into the ICP.



Refugio Incident
Summary of CTEH® Environmental Sampling Efforts
May 31, 2015

As part of response efforts, CTEH® began collecting product and environmental samples, i.e., water and/or sediment, on May 20, 2015. This environmental sampling has been conducted under a Unified Command-approved sampling plan. This report contains environmental sampling efforts completed to date by CTEH® in support of Refugio Incident response efforts. **Table 1**, below, provides a sample count for each type of environmental media collected by CTEH®. **Table 2** provides a summary of TPH¹ data reported in water samples to date. Maps of environmental sampling locations are provided as attachments.

Table 1: Environmental Preliminary Sample Summary
05/20/2015– 05/30/2015

Media	Matrix	Sample Count
Water	Surface Water	81
	Water Column	28
	Culvert/Flush Water	2
Sediment	Beach Sediment ²	18
	Ocean Sediment ³	7
Soil	Backfill Soil	6
Petroleum	Product/Tar Ball Sample	29

² Beach sediment samples were collected from both the intertidal zone and on dry sand above the intertidal zone.

³ Ocean sediment samples were collected at the same location as the water column samples.

Table 2: TPH¹ Preliminary Data Summary⁴
05/20/2015– 05/30/2015

	Location	Highest Detection		Most Recent TPH Result Received	
		Date	TPH (mg/L)	Date	TPH (mg/L)
Water Column	D001-S	5/27/2015	0.179	5/29/2015	ND
	D001-M	5/22/2015	0.1	5/29/2015	ND
	D001-D	5/28/2015	0.188	5/29/2015	ND
Surface Water	SW01	5/26/2015	11.9	5/29/2015	4.3
	SW02	5/21/2015	697.111	5/28/2015	0.091
	SW03	5/26/2015	4.9	5/29/2015	ND
	SW04	5/21/2015	5.5	5/29/2015	ND
	SW05	5/25/2015	21.9	5/29/2015	0.057
	SW09	5/25/2015	1.2	5/29/2015	0.267
	SW10	5/21/2015	1.89	5/21/2015	1.89
	SW11	5/22/2015	1.96	5/29/2015	0.072
	SW12	5/29/2015	0.09	5/29/2015	0.09
	SW13	5/28/2015	0.57	5/29/2015	0.086

⁴ The data presented within the table is considered preliminary and has not completed the complete QA/QC process.

¹ For the purposes of this report, TPH represents a summation of TPH-Oil Range Organics (ORO), TPH-Diesel Range Organics (DRO), and TPH-Gasoline Range Organics (GRO).



Legend

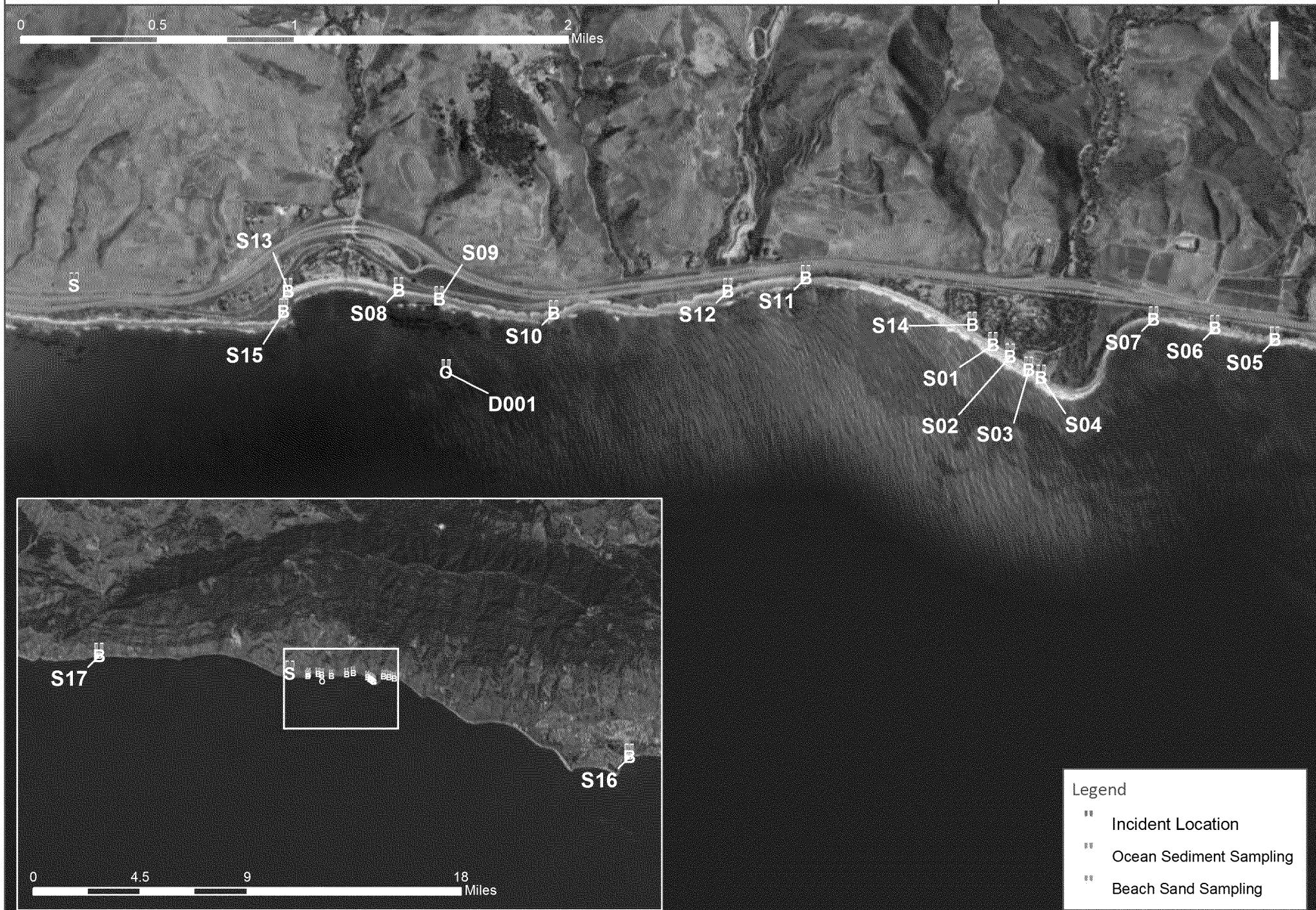
- Incident Location
- Water Column Sampling Location
- Surface Water Sampling Location



Sediment/Sand Sampling Locations

Refugio Incident | May 20, 2015 to May 30, 2015

Project: 107292
Client: Plains All American Pipeline
City: Gaviota, CA
County: Santa Barbara



PROJECTION SYSTEM: *Lambert Conformal Conic*

DATUM: North American 1983

LAST UPDATED: 5/31/2015 3:26:18 PM

ORIGINAL

1. Incident Name Refugio Incident	2. Operational Period to be covered by IAP (Date/Time) From 06/01/2015 06:00 To 06/03/2015 05:59	Operational Period Ops Period 11	CG IAP COVER SHEET
3. Approved by			
ORG	Name		
USCG	Captain J. Whalen		
U.S. EPA	S. Calanog		
CAL DFW	S-Moe T. ASWCI		
Plains	P. Hodges		
SBCOEM	R. Troy		

INCIDENT ACTION PLAN

The items checked below are included in this Incident Action Plan:

- ICS 202-OS (Response Objectives)
- ICS 203-OS (Organization List) - or - ICS 207-OS (Organization Chart)
- ICS 204-CGs (Assignment Lists) One Copy each of any ICS 204-CG attachments
- ICS 205-CG (Communications Plan)
- ICS 206-CG (Medical Plan)
- ICS 206-CG (Site Safety Plan) or Note SSP Location Located at CP and Staging Areas
- Map/Chart
- Weather forecast/Tides/Currents

Other Attachments

Incident Picture


ORIGINAL
4. Prepared by

Dan Sobieski

Date / Time

06/01/2015 15:50

CG IAP COVER SHEET

05/31/2015 19:23

(Rev. 4/04)

Generated by Mif O'Brien's

1 OF 65

1. Incident Name	2. Operational Period (Date/Time)	Operational Period	INCIDENT BRIEFING
Refugio Incident	From 06/01/2015 06:00 To 06/03/2015 05:59	Ops Period 11	ICS 202-CG
3. Objective(s)			
Ensure the safety of response personnel and the public.			
Continue to evaluate the oil impacts.			
a. At release site. b. Between pipe and beach. c. Beach cleanup. d. Evaluate SCAT.			
Continue to prevent migration of oil from release site to shoreline.			
Continue to recover discharged oil from impacted areas, both public and private, and manage waste according to plan.			
Continue to ID and protect environmentally sensitive areas.			
Continue to protect culturally sensitive areas including wildlife.			
Keep public and stakeholders informed.			
Minimize economic impacts.			
Repair pipeline safety.			
Provide for the recovery and care of oiled wildlife.			
Differentiate incident oil from other reports of oil.			
Demonstrate progress towards endpoints.			
4. Operational Period Command Emphasis (Safety Message, Priorities, Key Decisions/Directions)			
Anticipate problems and plan resolutions.			
Limitations and Constraints.			
Tides.			
Access to beach.			
Location.			
Weather System.			
Permitting with the county and other authorities.			
Cultural Considerations.			
Nesting season.			
Hotel accommodations.			
Protection of Critical Infrastructure.			
Ensure continuity of Incident Command Post Operations.			
All response related media releases require Unified Command approval.			
Keep Unified Command aware of VIP request.			
Immediately report any injuries, public or responders, to the Unified Command.			
Priorities.			
Safety.			
Security - Maintain Situational Awareness.			
Wildlife impacts - Notify Unified Command.			
Discharge quantities.			
Recovered quantities.			
Beach open.			
Source control.			
Protect cultural resources.			
Public information dissemination.			
Establish onshore soil end points - Environmental Unit.			

Changes in impacted beaches require that Santa Barbara County Public Health, Dr. Wada, be notified.

Ensure all operations are conducted in accordance with the approved plan

Keep the Unified Command informed of volunteer needs.

Approved Site Safety Plan Located at the SBCOEM with the Safety Officer

Prepared by (Operations Section Chief)

kjellison

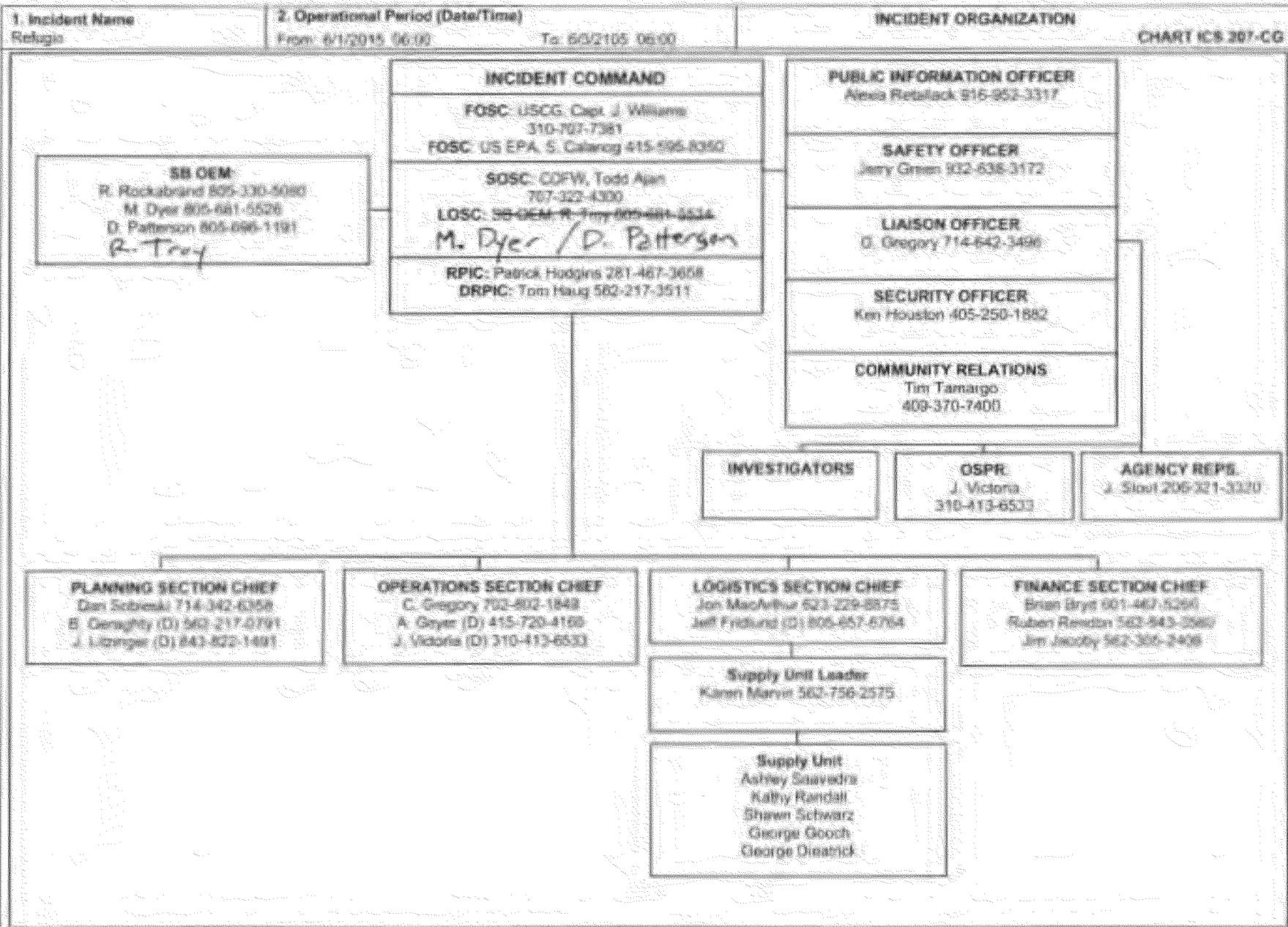
Date/Time

05/31/2015 15:56

INCIDENT OBJECTIVES

05/31/2015 19:56

ICS 202-CG (Rev 4/04)



1. Incident Name

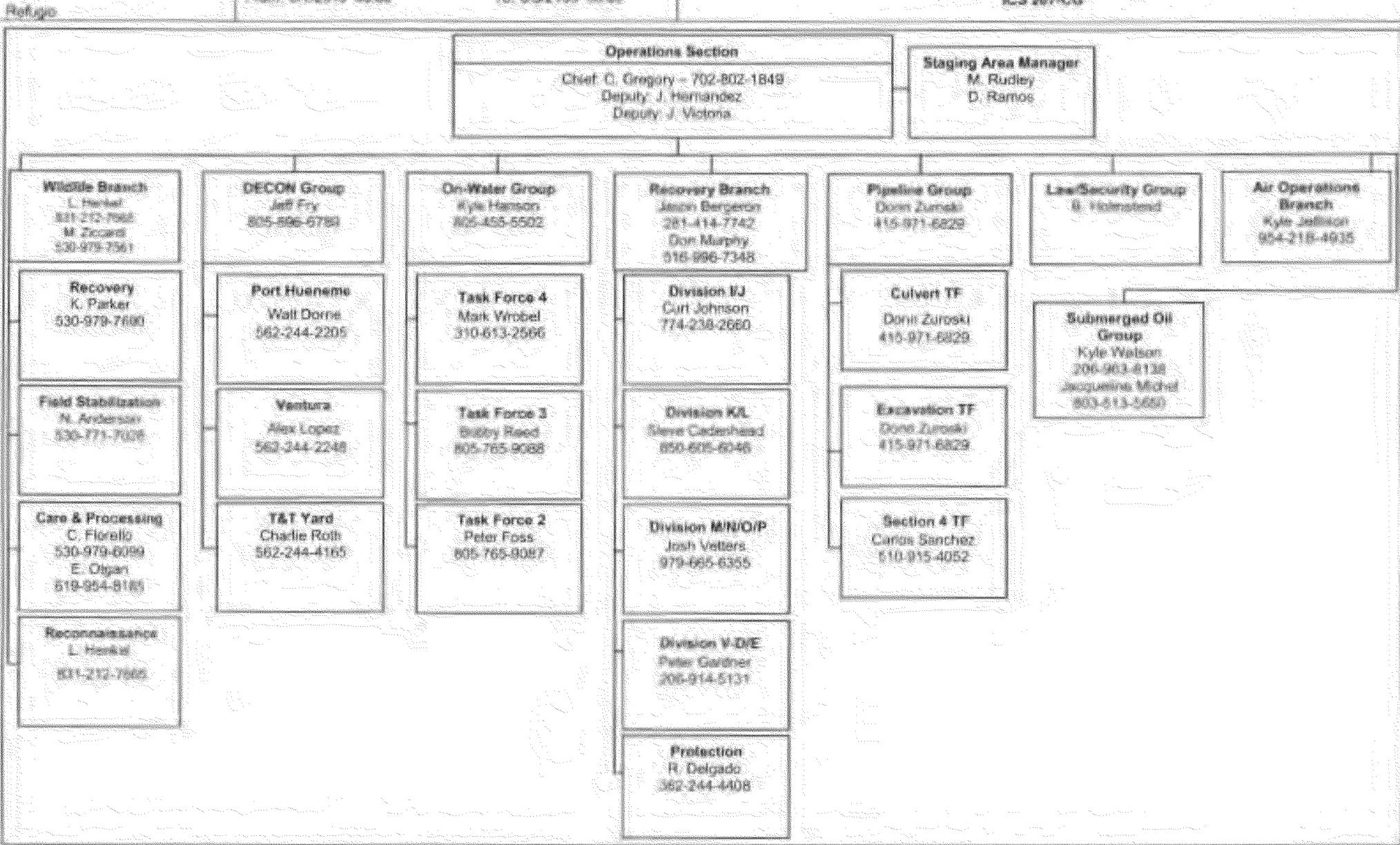
2. Operational Period (Date/Time)

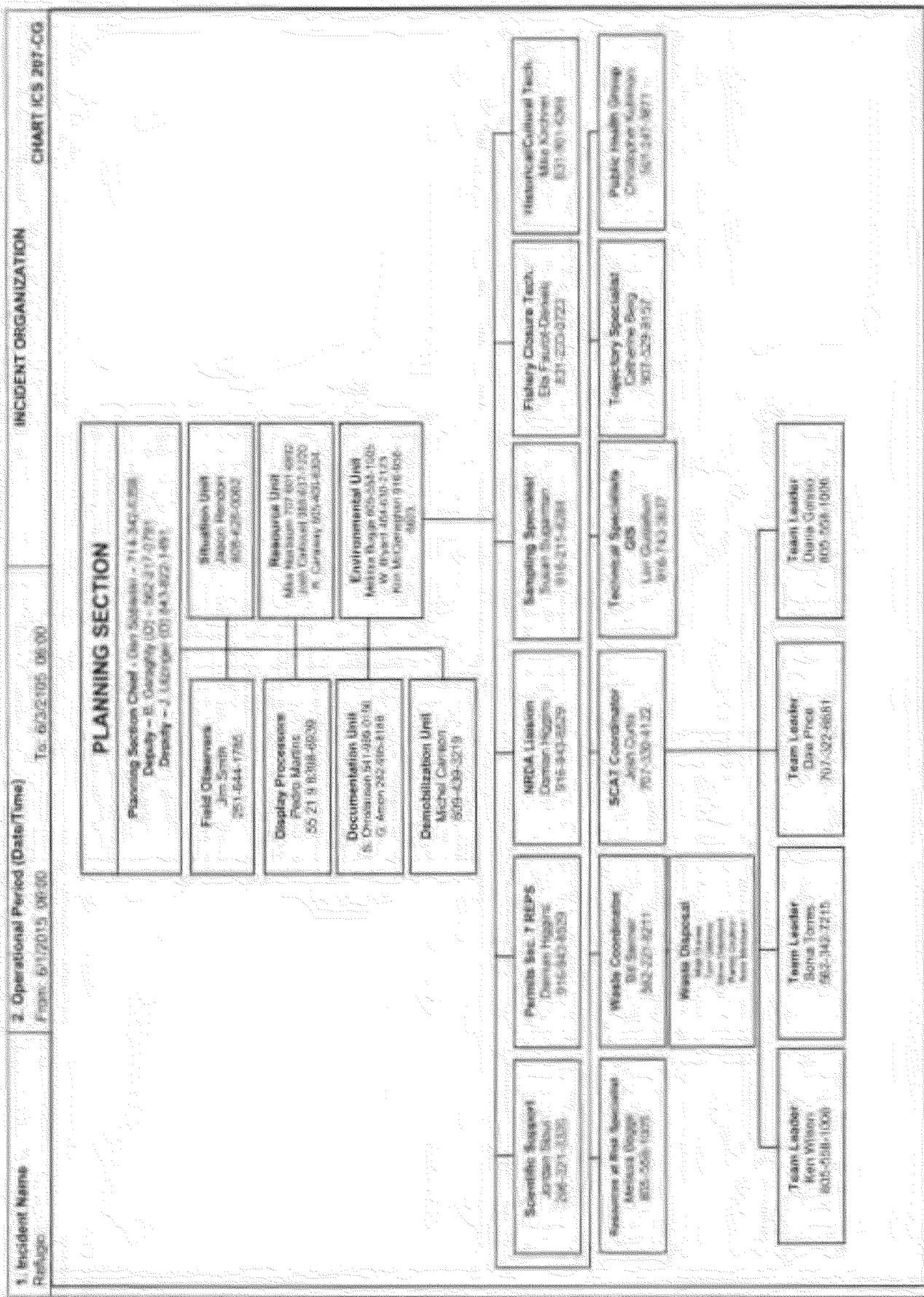
From: 6/1/2015 06:00

To: 6/3/2015 06:00

INCIDENT ORGANIZATION CHART

ICS 207-CG





1. Incident Name Refuge Incident	2. Operational Period (Date/Time) From 04/01/2015 06:00 To 06/03/2015 05:59	Operational Period Ops Period 11	Assignment List ICS 204-CG
3. Branch Wildlife Branch Task Force/Strike Team	4. Division/Group/Staging Wildlife Recovery Group Team		
5. Operational Personnel	Name	Affiliation	Contact#(s)
Operations Section Chief	Chris Gregory	Witt O'Brien's	702-802-1849
Branch Director	Laird Henkel	(CA DFW-OSPR)	831-212-7665
Division/Group Supervisor/STAM	Mike Zicardi	(CA DFW-OSPR)	530-979-7561
6. Resources Assigned X' indicates 204a attachment with additional instructions			
Qty x Size (Unit)	Strike Team/Task Force/Resource Leader Identifier	Contact#	# Of Persons Notes
1 (each)	Wildlife Recon Team	L.Henkel	831-212-7665 X
1 (each)	Field Stabilization Team	N. Anderson	530-771-7026
1 (each)	Transport Team	S. Herman	530-979-6099 X
1 (each)	Care Processing Team - Birds	C. Florelle	530-979-0380
1 (each)	Care Processing Team - Mammals	E. Organ	619-954-8180
1 (each)	Stabilization Facilities/Trailers		2
1 (each)	Care Facility		2
1	Wildlife Recovery	K. Miles-Parker	530-979-7692
7. Work Assignments			
<p>Wildlife Recon Team - Collect real time data on animals at risk and staff the Wildlife Hotline.</p> <p>Wildlife Recovery Teams - Coordinate and supervise recovery of live and dead oiled wildlife in assigned Divisions and in response to reports.</p> <p>Transport - Coordinate and supervise transport of collected animals between Recovery, Field Stabilization and Care Teams.</p> <p>Field Stabilization - Provide first aid to live captured animals prior to transport to primary care centers.</p> <p>Care Processing - Document oiling status, conduct intake examinations, necropsy dead animals, provide pre-wash care, clean oil from affected animals, return animals to normal function, and release in clean environment.</p>			
8. Special Instructions			
<p>Attend morning safety and planning briefing. Immediately report any injury to supervisor and complete an injury report form. *Personnel must have completed 24-hour HAZWOPER training and CWCN Wildlife Recovery Levels 1 and 2, at minimum.</p> <p>Instructions for Dead Wildlife and Natural Resource Protection</p> <p>Any LIVE oiled wildlife (birds, mammals, or sea turtles) observed or incidentally collected in clean up operations should be immediately called in to the Wildlife Hotline at 877-823-6926.</p> <p>Any DEAD oiled birds, mammals, or sea turtles observed as part of cleanup operations should be called in to the team's supervisor. Supervisors can instruct the team in separating the oiled animal from the regular waste stream and (deally) collecting it in a separate plastic bag, labeled with division/assignment area, and called into the Wildlife Hotline at 877-823-6926 for Recovery personnel to arrange pick up.</p> <p>It is critical that clean up teams not dispose of dead marine organisms (invertebrates, crustaceans, anything other than birds or mammals). Stockpile it in a marked area above the high tide line and a Natural Resource Damage Assessment (NRDA) field team will come by around midday before high tide to ID and catalogue the spill related mortality.</p> <p>Do not initiate any on-shore response or cleanup at Coal Oil Point without consulting the USFWS and California Dept of Fish and Wildlife.</p>			
SAFETY MESSAGE			
All response personnel are to be cautious of moving vehicles at all times and look in all directions before proceeding. Response personnel should be aware that all railroad tracks are in active use and should show extreme caution when operating in vicinity of tracks.			
10. Prepared By Mike Hosterman	Date/Time 05/31/2015 15:23	11. Reviewed By (PSC) D. Schaefer	Date / Time 05/31/2015 16:10
12. Reviewed By (OSC) Chris Gregory	Date / Time 05/31/2015 16:10		
ASSIGNMENT LIST		05/31/2015 19:19	
Submitted to my 2 bosses			

HISTORICAL/CULTURAL GUIDELINES

- Leave cultural materials in place at the site of discovery, and mark its location.
- Stop clean-up work in the vicinity surrounding the site, within a 6ft radius.
- Immediately inform the field supervisor, who in turn, should immediately inform the FOBC and/or an appropriately designated cultural resource specialist. Obtain/provide location on map by indicating latitude/longitude.

Report All injuries. Return a immediate notification to Direct Supervisor.

Animal carcasses that have orange flagging indicates that no further action is needed. These flagged animals have already been assessed and reported.

9. Communications (radio and/or phone contact numbers needed for this assignment)

Name/Function	Radio Freq./System/Channel	Phone	Cell/Pager

Emergency Communications

Medical:	Evacuation:	Others:

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Mike Nostbaum	05/31/2015 15:23	D. Sobieski	05/31/2015 15:00	Chris Gregory	05/31/2015 18:00
ASSIGNMENT LIST			05/31/2015 19:19		ICS 204-CG (Rev.10/07)

1. Incident Name Refuge Incident	2. Operational Period (Date/Time) From: 06/01/2015 00:00 To: 06/03/2015 06:00	Operational Period Ops Period: 11	Assignment List ATTACHMENT ICS 204a
3. Branch Wildlife Branch	4. Division/Group/Staging Wildlife Recovery Group	5. Strike Team/Task Force/Resource/Identifier Team	6. Leader Team Leader
			7. Assignment Location

8. Work Assignment Special Instructions/Special Equipment/Supplies Needed for Assignment

WILDLIFE RECOVERY GROUP MINIMIZATION MEASURES

Habitat-specific Measures:

These measures are intended to minimize impacts to all biological resources within the habitat and should be implemented to the extent possible regardless of whether listed species are present.

Marine:

- Avoid disturbing kelp beds as much as possible.
- Avoid boat traffic traveling near or through rocks of seabirds nesting in the water.
- Have a wildlife monitor present on all boats.
- No split response activities should take place within 1,000 feet of nesting seabirds.
- If a rare otter is observed, keep all response activities as far away from the animals as possible until an expert can be consulted.

Riparian:

- Avoid disturbing wetted areas as much as possible.
- Avoid disturbing vegetation as much as possible.
- The number of access routes, size of staging areas, and the total area of the response should be limited to the minimum necessary to achieve the mission.
- During the typical breeding season for riparian birds (March 1 – September 15), a biologist should survey riparian vegetation to identify, flag and avoid nests as much as possible.
- Vegetation should be hand trimmed to remove affected portions as necessary; roots should be left in place.
- Response activities should avoid or minimize changes in channel morphology.
- No heavy equipment (bobcats, back hoes, etc.) or earth moving in, or next to the creek shall be used without prior DPW approval.
- Any rare plant species should be flagged and avoided.
- For areas potentially occupied by California red-legged frogs, least Bell's vireo, southwestern willow flycatcher, see species-specific minimization measures.

Sandy Beach/Dune:

- Avoid disturbing vegetated dune habitat as much as possible.
- If vehicle traffic is required in the beach, travel should be restricted to the wet sand as much as possible and should avoid driving over wrack.
- Vehicle traffic should be operated at slow enough speeds to avoid/minimize impacts to wildlife (approximately 5 to 10 miles per hour).
- Use pre-existing access routes through dune habitat; if new access routes are necessary a biologist should be consulted on their location.
- Manual oil removal techniques should be used as much as possible.
- All trash or anything that would attract wildlife to the work area should be removed on a daily basis.
- Dead oiled wildlife should be removed or buried to minimize the secondary oiling of scavenging species.
- For areas potentially occupied by western snowy plovers and/or California least terns, see species-specific minimization measures.

Tidewater goby:

- Equipment and foot traffic entering wetted areas should be avoided to the maximum extent practical to prevent crushing tidewater gobies, their eggs, and larvae.
- If supplemental water is used to flush culverts recommend gradually increasing the intensity/volume during the flush, as tidewater gobies aren't strong swimmers and could be injured or killed if there were sudden high currents. As the flow is being gradually increased, a biologist should be monitoring the culvert exit for tidewater gobies.
- Prior to initiation of any dewatering or diversion, a qualified biologist should install 1.8 inch block nets outside the impact areas to exclude tidewater gobies. If widely separated sites are involved, more than one set of block nets should be placed to protect the work area. The nets should be installed on the first day of work and monitored thereafter for the duration of the work.
- Once the block nets are secured, qualified biologists(s) should remove all tidewater gobies found between the block nets using a 1.8 inch seine and dip nets, and relocate tidewater gobies to suitable habitat downstream of the proposed project site.
- If activities requiring block nets cannot be completed in one day, a new set or successive sets of block nets should be deployed each day, and subsequent surveys and capture/relocation performed accordingly. Fish released from one day's work should not be released into areas projected to be excavated on successive days.
- Should dewatering occur, any pumps used should be fitted with an anti-entrapment device(s) to prevent tidewater gobies from being drawn into the pump or impinged on intake screening.
- Prior to initiation of activities within occupied habitat, an informal tailgate session should be performed in order to inform response personnel about the tidewater goby avoidance/minimization measures to be implemented during the response.

9. Communications (radio and/or phone contact numbers needed for this assignment)

10. Prepared By Mike Norstrom	Date/Time 06/31/2015 15:23	11. Reviewed By (PSC) D. Schaefer	Date / Time 06/31/2015 16:00	12. Reviewed By (OSC) Chris Gregory (CR)	Date / Time 06/31/2015 16:00
ASSIGNMENT LIST					

1. Incident Name Refugee Incident	2. Operational Period (Date/Time) From: 06/01/2015 06:00 To: 06/02/2015 06:59	Operational Period: Op Period 11	Assignment List ICS 204-CG		
3. Branch Task Force/Strike Team	4. Division/Group/Staging Decon Group Team				
5. Operational Personnel Operations Section Chief Branch Director Division/Group Supervisor/STAM	Name Chris Gregory	Affiliation WIF O'Brien's	Contact#(s) 702-602-1642		
6. Resources Assigned X indicates 204a attachment with additional instructions					
Qty x Item (Unit)	Strike Team/Task Force/Resource Leader Identifier	Contact#	# Of Persons Notes		
40	Decon Personnel	Alex Lopez	562-244-2248 0 Ventura Harbor - Redeployed due to Tuna Festival		
45 (each)	Decon Personnel	Charlie Roth	562-244-4165 0 T & T Yard Ventura		
2 (each)	Portable Generators - 85kw generators - T&T Yard		0		
1 (each)	Office Tower - 12' x 36' metal office trailer - T&T Yard		0		
1 (each)	Decon Pail		0		
2 (each)	Vac Truck		0		
1 (each)	Roll Off Truck		0		
0	Gear Trucks		0		
0	Pick-up Trucks		0		
1 (each)	Wench Truck		0		
0	Vans		0		
1	Water Truck		0		
2 (each)	Response Personnel - Staff members to support Decon @ Ventura & TAT		0		
0	Frac Tanks		0		
1 (each)	Equipment Trailer - 53' Box Van Trailer - T&T Yard		0		
20 (each)	Decon Personnel	Walt Dom	562-244-2205 0 Port Hueneme		
1 (each)	Hot Oil Truck		1 T&T Yard		
7. Work Assessments					
Port Hueneme - Gross decon of Primary Vessel, Remove Equipment					
Ventura Harbor - Haul out and final decon of vessels / 24hr operation					
T & T Yard Ventura - Final cleaning of gear and ancillary equipment. (24 hr operation) Provided necessary personnel, equipment and materials to complete decon in accordance with the decon plan approved by the Unified Command.					
8. Special Instructions					
Volunteers: 1-800-228-4544 Claims: 866-753-3619 Public Affairs/UIC: 805-654-1186 State Park Law Enforcement: 951-440-2969 Sheriff's Dispatch: 805-652-5743					
Instructions for Dead Wildlife and Natural Resource Protection					
Any LIVE oiled wildlife (birds, mammals, or sea turtles) observed or incidentally collected in clean up operations should be immediately called in to the					
10. Prepared By Kyle Jillson	Date/Time 06/01/2015 19:30	11. Reviewed By (PSC) D. Sobieski TWV	Date / Time 06/31/2015 19:00	12. Reviewed By (OSC) Chris Gregory (C)	Date / Time 06/31/2015 19:00
ASSIGNMENT LIST			06/31/2015 18:52 ICS 204-CG (Rev 10/07)		

Wildlife Hotline at 877-823-6226

Any DEAD birds, mammals, or sea turtles observed as part of cleanup operations should be called in to the team's supervisor. Supervisors can instruct the team in separating the oiled animal from the regular waste stream and (ideally) collecting it in a separate plastic bag, labeled with oiler/assignment area, and called into the Wildlife Hotline at 877-823-6226 for Recovery personnel to arrange pick up.

It is critical that clean up teams not dispose of dead marine organisms (invertebrates, crustaceans, anything other than birds or mammals). Stockpile it in a marked area above the high tide line and a Natural Resource Damage Assessment (NRDA) field team will come by around midday before high tide to ID and catalogue the spill related mortality.

Do not initiate any on-shore response or cleanup at Coal Oil Point without consulting the USFWS and California Dept of Fish and Wildlife.

On Water: Avoid entering help boats as much as possible. Avoid boat traffic traveling near or through flocks of seabirds resting on water. Stay 1000 ft away from nesting seabirds. If oiler oil is observed keep clear and call Mike Hantz immediately - 631-212-7030.

SAFETY MESSAGE

All response personnel are to be cautious of moving vehicles at all times and look in all directions before proceeding. Response personnel should be aware that all railroad tracks are in active use and should show extreme caution when operating in vicinity of tracks.

All PPE shall be worn in accordance with the Site Specific JHA and Site Safety Plan.

HISTORICAL/CULTURAL GUIDELINES

Leave cultural materials in place at the site of discovery, and mark its location.

- Stop clean-up work in the vicinity surrounding the site, within a 100' radius.
- Immediately inform the field supervisor, who in turn, should immediately inform the FOOSC and/or an archeologically designated cultural resource specialist. Obtain private location or map by indicating latitude/longitude.

Report All Injuries require a immediate notification to Direct Supervisor

HAZARD MITIGATION

All personnel operating in a restricted area shall wear appropriate PPE (Minimum of Tychem face shield, neoprene gloves and rubber boots are required for workers performing pressure wash ops).

Respiratory protection may be required to be used by all personnel based on continuous air monitoring readings.

All personnel are reminded to stay hydrated and to take breaks as needed.

Notify Assistant Safety Officer if safety issues arise.

Workers should be cautious of slick surfaces and pressurized lines that may be present during decon ops.

6. Communications (radio address, phone contact numbers, enabled for this assignment)

Normal Function	Radio/FRS/CS System/Channel	Repeater	Cell Phone
Alex Lopez - Ventura Harbor			562-244-2248
Walt Dorne - Port Hueneme			562-244-2205
Charlie Roth - T&T Yard Ventura			562-244-4165
Emergency Communications			

Medical	Evacuation	Other

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Kyle Millison	05/31/2015 19:30	D. Sobieski	05/31/2015 19:00	Chris Gregory	05/31/2015 19:00

ASSIGNMENT LIST	05/31/2015 18:52	ICS 204-CG (Rev. 10/07)
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1. Incident Name Refuge Incident	2. Operational Period (Date/Time) From 06/01/2015 06:00 To 06/03/2015 05:00	Operational Period Ops Period 11	Assignment List ICS 204-CG
3. Branch	4. Division/Group/Staging Oil-Water Group		
Task Force/Strike Team	Team		

5. Operational Personnel	Name	Affiliation	Contact(s)
Operations Section Chief Branch Director	Chris Gregory	Witt O'Briens	702-802-1849
Division Group Supervisor STAM	Kyle Hanson	Clean Seas	805-455-5502
			X indicates ICS attachment with additional instructions

6. Resources Assigned	Strike Team Task Force/Resource Leader Identifier	Contact(s)	# Of Persons	Notes
1 (each)	Task Force #3 (Ocean Sentinel)	Bobby Reed	805-765-8088	13
1 (each)	Task Force #4 (DB San Diego Tug Tiller)	Bob Allen	619-981-2480	14
1 (each)	Strike Team A2	Kyle Hanson	805-455-5502	0
1 (each)	Strike Team #3	Larry Miller	805-323-9875	0
1 (each)	Landing Craft Christopher G			0

7. Work Assignments

Task Force #3

- Contain and recover free floating oil. Surveillance Halo (Air control #1) to direct offshore booming and recovery operation in a South to North configuration.

Halo #1 will direct skimming operations in the nearshore areas to minimize oil impacting the shoreline.

Task Force and Halo command and control will maximize oil encounter utilizing boom tow vessels. All boom boats secured at 2000 to Ventura.

- Vessel will recover available free floating oil.

Task Force #4

Pull 800' feet of ocean boom in "U" configuration to collect free floating oil.

Offshore barge to anchor and provide food and mooring.

Provide maintenance and logistics for all oil water assets.

Deploy shore, use anchor system to secure in place. (Shore deployed 75 feet off of shoreline)

8. Special Instructions

SAFETY MESSAGE

All personnel operating on the beach and vessels shall wear appropriate PFD.

PPE: Tyvek, Hard hats, Nitrile gloves, Boots, Safety glasses.

All personnel are reminded to stay hydrated and take breaks as necessary.

Site Safety Plan will be distributed via Ocean Sentinel on-scene. Offshore Response Team Member Report any distressed Wildlife to On-Water Group Leader Kyle Hanson # 805-455-5502. Skimming vessels to off-load recovered product to the OCEAN KEEPER.

Halo to direct boom tows to maximize encounter rates for skimmers (TF#2 OCEAN DEFENDER / TF#3 OCEAN SENTINEL).

Direct all media inquiries to the PIO.

-Use of unauthorized Social Media is strictly prohibited.

During this operational period the Operational Section Chief may direct certain Vessels be removed from deployment for the purpose of decontamination and eventual return.

Instructions for Dead Wildlife and Natural Resource Protection

Any LIVE dead wildlife (birds, mammals, or sea turtles) observed or incidentally collected in clean up operations should be immediately called in to the Wildlife Hot Line at 877-822-6726.

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Steve Browne	05/31/2015 14:22	Dan Sobieski	05/31/2015 19:00	Chris Gregory	05/31/2015 19:00

ASSIGNMENT LIST

05/31/2015 19:06

ICS 204-CG (Rev.10/07)

Generated by Mr. O'Brien's

Any DEAD oiled birds, mammals, or sea turtles observed as part of cleanup operations should be called in to the team's supervisor. Supervisors can instruct the team in separating the oiled animal from the regular waste stream and (ideally) collecting it in a separate plastic bag, labeled with division assignment area, and called into the Wildlife Hotline at 877-823-6226 for Recovery personnel to arrange pick up.

It is critical that clean up teams NOT dispose of dead marine organisms (invertebrates, crustaceans, anything other than birds or mammals). Disciple it in a marked area above the high tide line and a Natural Resource Damage Assessment (NRDA) field team will come by around midday/before high tide to ID and catalogue the spill related mortality.

Do not initiate any on-shore response or cleanup at Coal Oil Point without consulting the USFWS and California Dept of Fish and Wildlife.

On Water: Avoid entering kelp beds as much as possible. Avoid boat traffic traveling near or through flocks of seabirds resting on water, stay 1000 ft away from nesting seabirds. If sea otter is observed keep clear and call Mike Harris immediately 801-212-7280

Leave cultural materials in place at the site of discovery, and mark its location:

- Stop clean-up work in the vicinity surrounding the site, within a 5ft radius.
- Immediately inform the field supervisor, who in turn, should immediately inform the FOSC and/or an appropriately designated cultural resource specialist. Obtain/provide location on map by indicating latitude/longitude.

8. Communications (radio and/or phone contact numbers needed for this assignment)

Name/Function	Radio/Freq./System/Channel	Phone	Cell/Phone
A&T FPs	Marine VHF Channel 10 and 16		
Emergency Communications			
Medical:	Evacuation:	Other:	

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Steve Browne	06/31/2015 14:22	Dan Sobieski	06/31/2015 19:00	Chris Gregory	06/31/2015 19:00

ASSIGNMENT LIST

06/31/2015 19:06

ICB 204-CG (Rev.10/07)

Generated by: RW Owners

1. Incident Name Refugio Incident	2. Operational Period (Date/Time) From 05/01/2015 08:00 To 05/03/2015 05:59	Operational Period Ops Period 11	Assignment List ICS 204-CG
3. Branch Recovery Branch	4. Division/Group/Staging Division B.I.		
Task Force/Strike Team	Team		

5. Operational Personnel	Name	Affiliation	Contact#(s)
Operations Section Chief	Chris Gregory	Will O'Brien's	702-802-1849
Branch Director	Jason Bergeron	Will O'Brien's	281-414-7742
Division/Group Supervisor/STAM	Curt Johnson	Will O'Brien's	774-238-2600

6. Resources Assigned					* X Indicates 204a attachment with additional instructions	
City & State (204a)	Strike Team/Task Force/resource Identifier	Leader	Contact#	# Of Personnel, Roles		
1 (each)	Double Barrel Team 1	Tomoko Woods	424-344-0080	45	Tarps	X
1 (each)	OMI Team 1	David McCoy	406-350-0274	10	Refugio South	X
1 (each)	OMI Team 2	Karen Jones	337-982-4329	10	Refugio South	X
1 (each)	OMI Team 3	Pilar Sarabia	561-379-2830	10	Refugio North	X
1 (each)	OC Vacuum Hot Shot 1	Chris Lock		25	Refugio North	X
1 (each)	OMI Team 4	Keith Long	985-637-6086	10	14100 Quemado Lane	X
1 (each)	West Coast Environmental Team 2			6	Refugio North	X
1 (each)	NRC Team 2	TBD	TBD	14		X

7. Work Assignments

Conduct shoreline clean-up as directed as per SCAT Methodology

When beaches have been cleaned to Phase 1 criteria, written confirmation is required by SCAT on their PDM form.

Double Barrel Team 1 - Tarps
 OC Vacuums 1 - Refugio North
 West Coast Environmental Team 2
 OMI Team 1 - Refugio South
 OMI Team 2 - Refugio South
 OMI Team 3 - Refugio North
 OMI Team 4 - 14100 Quemado Lane
 NRC Team 2 - The Culvert

Any deceased animals other than Endangered Birds or Sea Mammals found while working shall be bagged and disposed of in the designated bins (Refugio and El Capitan).

8. General Instructions

All personnel are reminded to keep hydrated and take rest breaks with a 50/50 work rest ratio. PFDs, Tyvek suits, gloves, safety glasses, non-slip boots. Avoid walking near waterways if possible. PFDs must be worn if the potential for drowning exists.

Instructions for Dead Wildlife and Natural Resource Protection

Any LIVE dead wildlife (birds, mammals, or sea turtles) observed or incidentally collected in clean up operations should be immediately called in to the Wildlife Hotline at 877-823-6926.

Any DEAD birds, mammals, or sea turtles observed as part of cleanup operations should be called in to the team's supervisor. Supervisors can instruct the team in separating the oiled animal from the regular waste stream and (ideally) collecting it in a separate plastic bag, labeled with division/assignment area, and called into the Wildlife Hotline at 877-823-6926 for Recovery personnel to arrange pick up.

It is critical that clean up teams not dispose of dead marine organisms (invertebrates, crustaceans, anything other than birds or mammals). Stockpile it in a marked area above the high tide line and a Natural Resource Damage Assessment (NRDA) field team will come by around midday before high tide to ID and catalogue the spill related mortality.

Do not initiate any on-shore response or cleanup at Coal Oil Point without consulting the USFWS and California Dept of Fish and Wildlife.

10. Prepared By Kyle Jackson	Date/Time 05/01/2015 12:22	11. Reviewed By (PSC) D. Gotsukis "J" JV	Date / Time 05/01/2015 12:30	12. Reviewed By (OSC) Chris Gregory	Date / Time 05/01/2015 12:00
ASSIGNMENT LIST			05/01/2015 12:34		ICS 204-CG (Rev 10/07)

SAFETY MESSAGE

PPE: Tyvek suits, gloves, safety glass, neoprene boots. Avoid walking near waterways if possible. PFD's must be worn if the potential for drowning exists.

All personnel are reminded to keep hydrated and take rest breaks with a 50/50 work/rest ratio.

All response personnel are to be cautious of moving vehicles at all times and look in all directions before proceeding. Resource personnel should be aware that all railroad tracks are in active use and should show extreme caution when operating in vicinity of tracks.

Report All Injuries require a immediate notification to Direct Supervisor.

HISTORICAL/CULTURAL GUIDELINES

- Leave cultural materials in place at the site of discovery, and mark its location.
- Stop clean-up work in the vicinity surrounding the site, within a 5ft radius.
- Immediately inform the field supervisor, who in turn, should immediately inform the FOSC and/or an appropriately designated cultural resource specialist. Often provide location on map by indicating latitude/longitude.

8. Communications (radio and/or phone contact numbers needed for this assignment)

Normal Operation	Radio Frequency Channel	Power	Comments
Medical:	Evacuation:	Other:	

10. Prepared By

Kyle Johnson

Date/Time

05/31/2015 19:22

11. Reviewed By (PSC)

D. Sieben

J.W.Y.

Date / Time

05/31/2015 19:00

12. Reviewed By (OSC)

Chris Gregory

C.G.

Date / Time

05/31/2015 19:00

ASSIGNMENT LIST

05/31/2015 19:34

ICS 204-CG (Rev 10/07)

1. Incident Name Refugee Incident	2. Operational Period (DateTime) From 06/01/2015 06:00 To 06/01/2015 08:59	Operational Period Opz Period 11	Assignment List ATTACHMENT ICS 204a
3. Branch Recovery Branch	4. Division/Group/Staging Division II		
5. Strike Team/Task Force/Resource(Identifier) Team	6. Leader Team Leader	7. Assignment Location	

8. Were Assignment Specific Instructions, Special Equipment or Tools Needed for Assignment?

WILDLIFE RECOVERY GROUP MINIMIZATION MEASURES

Habitat-specific Measures

These measures are intended to minimize impacts to all biological resources within the habitat area and should be implemented to the extent possible regardless of whether listed species are present.

Marine

- Avoid entering kelp beds as much as possible.
- Avoid boat traffic traveling near or through flocks of seabirds resting in the water.
- Have a wildlife monitor present on all boats.
- No spill response activities should take place within 1,000 feet of nesting seabirds.
- If a sea otter is observed, keep all response activities as far away from the animal(s) as possible until an expert can be consulted.

Riparian

- Avoid entering wetland areas as much as possible.
- Avoid disturbing vegetation as much as possible.
- The number of access routes, size of staging areas, and the total area of the response should be limited to the minimum necessary to achieve the mission.
- During the typical breeding season for riparian birds (March 1 – September 15), a biologist should survey riparian vegetation to identify fly and avoid nests as much as possible.
- Vegetation should be hand trimmed to remove affected portions as necessary; roots should be left in place.
- Response activities should avoid or minimize changes in channel morphology.
- No heavy equipment (bicycles, back hoes, etc.) or earth moving in, or next to the creek shall be used without prior DFW approval.
- Any listed plant species should be flagged and avoided.
- For areas potentially occupied by California red-legged frogs, least Bell's vireos, southwestern willow flycatchers, see species-specific minimization measures.

Sandy Beach/Dune

- Avoid entering vegetated dune habitat as much as possible.
- If vehicle traffic is required in the beach, travel should be restricted to the wet sand as much as possible and should avoid driving over tracks.
- Vehicle traffic should be operated at slow enough speeds to avoid/minimize impacts to wildlife (approximately 5 to 10 miles per hour).
- Use pre-existing access routes through dune habitat. If new access routes are necessary a biologist should be consulted on their location.
- Manual or removal techniques should be used as much as possible.
- All trash or anything that would attract wildlife to the work area should be removed on a daily basis.
- Dead oiled wildlife should be removed or buried to minimize the secondary oiling of scavenging species.
- For areas potentially occupied by western snowy plovers and/or California least terns, see species-specific minimization measures.

Tidewater goby

- Equipment and foot traffic entering wetted areas should be avoided to the maximum extent practical to prevent crushing tidewater gobies, their larvae, and eggs.
- If supplemental water is used to flush culverts, recommend gradually increasing the intensity/volume during the flush, as tidewater gobies aren't strong swimmers and could be injured or killed if there were sudden high currents. As the flow is being gradually increased, a biologist should be monitoring the culvert exit for tidewater gobies.
- Prior to initiation of any dewatering or diversions, a qualified biologist should install 1/8 inch block nets outside the impact areas to exclude tidewater gobies. If widely separated sites are involved, more than one set of block nets should be placed to protect the work area. The nets should be installed on the first day of work and monitored thereafter for the duration of the work.
- Once the block nets are secured, qualified biologist(s) should remove all tidewater gobies found between the block nets using a 1/8 inch seine and dip nets, and relocate tidewater gobies to suitable habitat downstream of the proposed project site.
- If activities requiring block nets cannot be completed in one day, a new set or successive sets of block nets should be deployed each day, and subsequent surveys and capture/relocation performed accordingly. Fish released from one day's work should not be released into areas projected to be excavated on successive days.
- Should dewatering occur, any pumps used should be fitted with an anti-entrapment device(s) to prevent tidewater gobies from being drawn into the pump or impinged on intake screening.
- Prior to initiation of activities within occupied habitat, an informal tailgate session should be performed in order to inform response personnel about the tidewater goby avoidance/minimization measures to be implemented during the response.

Least Bell's vireo and/or southwestern willow flycatchers

- Disturbance of riparian vegetation should be avoided as much as possible.
- A qualified biologist should conduct surveys within suitable habitat for least Bell's vireos and southwestern willow flycatchers during the nesting season.

10. Prepared By Kyns Jelison	Date/Time 06/31/2015 18:22	11. Reviewed By (PSC) D. Socleski	Date / Time 06/31/2015 19:00	12. Reviewed By (OSC) Chris Gregory	Date / Time 06/31/2015 19:00
ASSIGNMENT LIST					

SAFETY MESSAGE

PPE: Tyvek suits, gloves, safety glasses, neoprene boots. Avoid walking near railroads if possible. PFD's must be worn if the potential for drowning exists.

All personnel are reminded to keep hydrated and take rest breaks with a 50/50 work/rest ratio.

All response personnel are to be cautious of moving vehicles at all times and look in all directions before proceeding. Response personnel should be aware that all railroad tracks are in active use and should show extreme caution when operating in vicinity of tracks.

Report All Injuries require a immediate notification to Direct Supervisor.

HISTORICAL/CULTURAL GUIDELINES

- Leave cultural materials in place at the site of discovery, and mark as location
- Stop clean-up work in the vicinity surrounding the site, within a 6ft radius.
- Immediately inform the field supervisor, who in turn, should immediately inform the FOSSC and/or an appropriately designated cultural resource specialist. Obtain/preserve location on map by indicating latitude/longitude.

9. Communications (radios and/or phone contact numbers needed for this assignment)

Emergency Contact	Radio Freq / Phone Number	Primary	Secondary
Medical:	Evacuation:	Other:	

10. Prepared By

Kyle Jellock

Date/Time

05/31/2015 18:22

11. Reviewed By (PSC)

D. Schmid

Date / Time

05/31/2015 19:00

12. Reviewed By (DSC)

Chris Gregory

Date / Time

05/31/2015 19:00

ASSIGNMENT LIST

05/31/2015 19:00

ICS 204-00 (Rev 10/07)

1. Incident Name Refugio Incident	2. Operational Period (Date/Time) From 06/01/2015 08:00 To 06/03/2015 09:00	Operational Period Ops Period 11	Assignment List ICS 204-CG		
3. Branch Recovery Branch Task Force/Strike Team	4. Division/Group/Staging Division K/L Team				
5. Operational Personnel Operations Section Chief Branch Director Division/Group Supervisor/STAM	Name Chris Gregory Jason Bergeron Steve Cadenhead	Affiliation Will O'Brien's Will O'Brien's Will O'Brien's	Contact(s) 702-802-1849 281-414-7742 850-605-6046		
6. Resources Assigned X indicates 204a attachment with additional instructions					
City or State (City)	State/Team/Task Force/Strike Team/Unit/Category	Contact#	# Of Persons	Notes	
1 (each)	CRA Team 2	James Fulton	501-353-3523	23	Clean-up Technicians with 6 NRC Supervisors
1 (each)	Ponder Team 1	Carlos Sanchez	510-915-4052	40	El Capitan
1 (each)	CA Conservation Core Team			17	17 personnel including supervisors
1 (each)	CRA Team 1	Nick Grecko	510-650-6842	45	Las Flores
1 (each)	Ponder Team 2	Carlos Diaz	310-345-3185	9	Tide Pools at El Capitan
1 (each)	Santa Barbara Fire Team	Darren Mall	805-896-6352	24	Las Varas Ranch
7. Work Assignments					
Conduct shoreline clean-up as directed per the SCAT Methodology. When beaches have been cleaned to Phase 1 criteria, written confirmation is required by SCAT on their PCM form.					
Ponder Team 1 conduct operations at El Capitan Beach Ponder Team 2 conduct operations at Tide Pools at El Capitan Beach CRA Team 1 conduct operations at Las Flores CRA Team 2 conduct operations at Las Flores Santa Barbara Fire Team and CA Conservation Core Team conduct operations at Las Varas Ranch					
Use of SaveSorb					
SaveSorb will not be broadcast loose over a broad area of boulders and terraces selected for cleaning. SaveSorb will be applied to just each surface being treated in a manner that minimizes drifting of product away from the surface. SaveSorb will be pressed into the oil by hand, allowing a brief period for sorption, then scrubbed with a brush to remove the oil plus the SaveSorb. Oiled SaveSorb that results from brushing will be disposed of properly.					
Clean SaveSorb that falls to the bottom of the boulder can be collected and reused.					
Boulders and terraces selected for treatment will not be those in the lower intertidal that have encrusting organisms.					
Rocks should be cleaned to the point where there is only a non-sticky stain remaining.					
An ART Technical Specialist can be provided to monitor initial use of this product to assure it is meeting operational guidelines.					
Tribal and State Parks representatives should be invited to view initial application and operations.					
Any Dead and Animals other than Endangered Birds or Sea Mammals found while working shall be tagged and disposed of in the designated bins (Refugio and El Capitan).					
8. Special Instructions					
Instructions for Dead Wildlife and Natural Resource Protection					
Any LIVE dead wildlife (birds, mammals, or sea turtles) observed or incidentally collected in clean up operations should be immediately called in to the Wildlife Hotline at 877-823-6925.					
Any DEAD dead birds, mammals, or sea turtles observed as part of cleanup operations should be called in to the team's supervisor. Supervisors can:					
10. Prepared By Kyle Johnson	Date/Time 06/01/2015 15:22	11. Reviewed By (PSC) D. Strohm	Date / Time 05/31/2015 19:00	12. Reviewed By (OSC) Chris Gregory	
ASSIGNMENT LIST		05/31/2015 19:34		05/31/2015 19:00	
Generated by ICS 204-CG					

instruct the team in separating the cited animal from the regular waste stream and (ideally) collecting it in a separate plastic bag, labeled with division/assignment area, and called into the Wildlife Hotline at 877-823-6926 for Recovery personnel to arrange pick up.

It is critical that clean up teams not dispose of dead marine organisms (invertebrates, crustaceans, anything other than birds or mammals). Stockpile it in a marked area above the high tide line and a Natural Resource Damage Assessment (NRDA) field team will come by around midday/before high tide to ID and catalogue the spill related mortality.

Do not initiate any on-shore response or cleanup at Coal Oil Point without consulting the USFWS and California Dept of Fish and Wildlife.

SAFETY MESSAGE

All personnel are reminded to keep hydrated and take rest breaks at a work/rest ratio of 50/10. PPE: Tyvek suits, gloves, safety glass, neoprene boots. Type 5 PFDs are required when operating in or near water.

All response personnel are to be cautious of moving vehicles at all times and look in all directions before proceeding. Response personnel should be aware that all railroad tracks are in active use and should show extreme caution when operating in vicinity of tracks.

Report All Injuries require a immediate notification to Direct Supervisor.

HISTORICAL/CULTURAL GUIDELINES

- Leave cultural materials in place at the site of discovery, and mark its location.
- Stop clean-up work in the vicinity surrounding the site, within a 5ft radius.
- Immediately inform the field supervisor, who in turn, should immediately inform the FOSC and/or an appropriately designated cultural resource specialist. Obtain/provide location on map by indicating latitude/longitude.

Report All Injuries require a immediate notification to Direct Supervisor.

8. Communications (radio and/or phone contact numbers needed for this assignment)

Name/Function	Radio Freq./System/Channel	Phone:	Cell/Pager
Emergency Communications			
Medical:	Evacuation:	Other:	

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Kyle Jellison	05/31/2015 15:22	D. Sobieski	05/31/2015 19:00	Chris Gregory	05/31/2015 19:00

ASSIGNMENT LIST

05/31/2015 19:34

ICS 204-CG (Rev 10/07)

1. Incident Name Refugee Incident	2. Operational Period (Date/Time) From 06/01/2015 06:00 To 06/03/2015 05:59	Operational Period Ops Period 11	Assignment List ATTACHMENT ICS 204a
3. Branch Recovery Branch	4. Division/Group/Staging Division K/L	7. Assignment Location	
5. Strike Team/Task Force/Resource(Identifier) Team	6. Leader Team Leader		

6. Work Assignment Special Instructions/Special Equipment/Supplies Needed for Assignment

WILDLIFE RECOVERY GROUP MINIMIZATION MEASURES

Habitat-specific Measures

These measures are intended to minimize impacts to all biological resources within the habitat and should be implemented to the extent possible regardless of whether listed species are present.

Marine

- Avoid entering kelp beds as much as possible.
- Avoid boat traffic traveling near or through flocks of seabirds resting in the water.
- Have a wildlife monitor present on all boats.
- No spill response activities should take place within 1,000 feet of nesting seabirds.
- If a sea otter is observed, keep all response activities as far away from the animal(s) as possible until an expert can be consulted.

Riparian

- Avoid entering wetted areas as much as possible.
- Avoid disturbing vegetation as much as possible.
- The number of access routes, size of staging areas, and the total area of the response should be limited to the minimum necessary to achieve the mission.
- During the typical breeding season for riparian birds (March 1 – September 15), a biologist should survey riparian vegetation to identify, flag and avoid nests as much as possible.
- Vegetation should be hand trimmed to remove affected portions as necessary; roots should be left in place.
- Response activities should avoid or minimize changes in channel morphology.
- No heavy equipment (bobcats, back hoes, etc.) or earth moving in, or heel to the creek shall be used without prior DFW approval.
- Any listed plant species should be flagged and avoided.
- For areas potentially occupied by California red-legged frogs, least Bell's vireos, southwestern willow flycatchers, see species-specific minimization measures.

Sandy Beach/Dune

- Avoid entering vegetated dune habitat as much as possible.
- If vehicle traffic is required in the beach, travel should be restricted to the wet sand as much as possible and should avoid driving over wrack.
- Vehicle traffic should be operated at slow enough speeds to avoid/minimize impacts to wildlife (approximately 5 to 10 miles per hour).
- Use pre-existing access routes through dune habitat; if new access routes are necessary a biologist should be consulted on their location.
- Manual or removal techniques should be used as much as possible.
- All trash or anything that would attract wildlife to the work area should be removed on a daily basis.
- Dead oiled wildlife should be removed or buried to minimize the secondary oiling of scavenging species.
- For areas potentially occupied by western snowy plovers and/or California least terns, see species-specific minimization measures.

Tidewater goby

- Equipment and foot traffic entering wetted areas should be avoided to the maximum extent practical to prevent crushing tidewater gobies, their burrows, and eggs.
- If supplemental water is used to flush culverts recommend gradually increasing the intensity/volume during the flush, as tidewater gobies aren't strong swimmers and could be injured or killed if there were sudden high currents. As the flow is being gradually increased, a biologist should be monitoring the culvert exit for tidewater gobies.
- Prior to initiation of any dewatering or diversions, a qualified biologist should install 1/8 inch block nets outside the impact areas to exclude tidewater gobies. If widely separated sites are involved, more than one set of block nets should be placed to protect the work area. The nets should be installed on the first day of work and monitored thereafter for the duration of the work.
- Once the block nets are secured, qualified biologist(s) should remove all tidewater gobies found between the block nets using a 1/8 inch seine and dip nets, and relocate tidewater gobies to suitable habitat downstream of the proposed project site.
- If activities requiring block nets cannot be completed in one day, a new set or successive sets of block nets should be deployed each day, and subsequent surveys and capture/relocation performed accordingly. Fish released from one day's work should not be released into areas projected to be excavated on successive days.
- Should dewatering occur, any pumps used should be fitted with an anti-entrapment device(s) to prevent tidewater gobies from being drawn into the pump or impinged on intake screening.
- Prior to initiation of activities within occupied habitat, an informal tailgate session should be performed in order to inform response personnel about the tidewater goby avoidance/minimization measures to be implemented during the response.

Least Bell's vireos and/or southwestern willow flycatchers

- Disturbance of riparian vegetation should be avoided as much as possible.
- A qualified biologist should conduct surveys within suitable habitat for least Bell's vireos and southwestern willow flycatchers during the nesting

10. Prepared By Kyle Jellison	Date/Time 06/31/2015 15:22	11. Reviewed By (PSC) D. Sobieski	Date / Time 06/31/2015 19:00	12. Reviewed By (OSC) Chris Gregory	Date / Time 06/31/2015 19:00
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ASSIGNMENT LIST

06/31/2015 19:09

ICS 204-CG (Rev. 10/07)

- season (March 1 – September 15) prior to disturbance of noxious vegetation to identify and establish exclusion buffers around any nests (generally at least 500 feet).
- Manual equipment should be used in occupied habitat as much as possible to minimize disturbance from noise.
 - If vegetation removal is required, roots should be left in place as much as possible.
 - A qualified biologist should be present as much as possible during activities that impact suitable habitat.

California least tern and/or Western snowy plover

- All responders should be informed of the potential for western snowy plovers and/or California least terns to be impacted and of the avoidance/minimization measures being implemented.
- A qualified biologist should identify areas that may contain nests or chicks, and any entry into these areas should be avoided.
- Any work required within nesting areas should be accompanied by a qualified biologist.
- A qualified biologist should identify and demarcate access and egress routes.
- The number of vehicles and number of vehicle trips should be reduced to the minimum needed to achieve the mission.
- All activities near nests or chicks should occur on the lower beach (wet sand), if possible.
- Watch for and avoid western snowy plovers sheltering in tire tracks and sandy depressions.
- If vehicles are used, speed should be kept to less than 10 mph, and vehicles should remain on the lower beach (wet sand). If possible, if it is not possible to remain on the lower beach (e.g., it is high tide), responders should stop every 100 m and scan ahead with binoculars to look for western snowy plovers and California least terns on the beach.
- The amount of wrack, shells, and natural debris removed from the beach should be minimized. If shoreline pre-cleaning is necessary, debris should be stockpiled in an appropriate location (avoiding nesting locations) and returned to the beach after the threat of oil is gone, to the extent practical.

9. Communications (radio and/or phone contact numbers needed for this assignment)

Map/ Chart

Weather Forecast/Tides/Currents

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Kyle Jellison	05/31/2015 15:22	D. Sobieski	05/31/2015 19:00	Chris Gregory	05/31/2015 19:00
ASSIGNMENT LIST			05/31/2015 19:09	CS 204-CG (Rev.10/07)	

1. Incident Name Refuge Incident	2. Operational Period (Date/Time) From: 06/01/2015 06:00 To: 06/03/2015 05:59	Operational Period Op Period 11	Assignment List ICS 204-CG
3. Branch Recovery Branch Task Force/Strike Team	4. Division/Group/Staging Division MNOP		
5. Operational Personnel	Name	Affiliation	Contact#(s)
Operations Section Chief	Chris Gregory	Will O'Brien's	702-802-1843
Branch Director	Jason Bergeron	Will O'Brien's	281-414-7742
Division/Group Supervisor/STAM	Josh Velters	Will O'Brien's	979-665-6355
6. Resources Assigned			
X indicates 204a attachment with additional instructions			
City & State (if any)	Team Name/Task Force/Resource Leader Identifier	Contact#	# Of Persons - Max#
1 (each)	NRC Hot Shot #3	TBD	20
1 (each)	Double Barrel Team #3	Eric Navarrete	10
7. Work Assignments			
Conduct shoreline clean up as directed in accordance with SCAT methodology.			
When beaches have been cleaned to Phase 1 criteria, written confirmation is required by SCAT on their PCM form.			
Clean Harbors Team 1 - UCSB Coal Oil Point Operation on Hold for weekend as per UCSB request			
West Coast Environmental Team 2 - Haskell Beach behind Bocana Resort. Work on hold for the weekend as per the request of The City of Goleta.			
Crews to be redeployed as conditions dictate.			
Any deceased animals other than Endangered Birds or Sea Mammals found while working shall be bagged and disposed of in the designated bins (Refugee and El Capitan).			
8. Special Instructions			
Instructions for Dead Wildlife and Natural Resource Protection			
Any LIVE oiled wildlife (birds, mammals, or sea turtles) observed or incidentally collected in clean up operations should be immediately called in to the Wildlife Hotline at 877-823-6926.			
Any DEAD oiled birds, mammals, or sea turtles observed as part of cleanup operations should be called in to the team's supervisor. Supervisors can instruct the team in separating the oiled animal from the regular waste stream and (daily) collecting it in a separate plastic bag, labeled with division/assignment area, and called into the Wildlife Hotline at 877-823-6926 for Recovery personnel to arrange pick up.			
It is critical that clean up teams not dispose of dead marine organisms (invertebrates, crustaceans, anything other than birds or mammals). Stockpile it in a marked area above the high tide line and a Natural Resource Damage Assessment (NRDA) field team will come by around midday/before high tide to ID and catalogue the spill related mortality.			
Do not initiate any on-shore response or cleanup of Coal Oil Pools without consulting the USFWS and California Dept of Fish and Wildlife.			
SAFETY MESSAGE			
All personnel are required to keep hydrated and take rest breaks at a 50/10 work/rest ratio. PPE: Tyvek suits, gloves, safety glasses, neoprene boots. Avoid walking near waterways. PFD's must be worn if the potential for drowning exists.			
All response personnel are to be cautious of moving vehicles at all times and look in all directions before proceeding. Response personnel should be aware that all railroad tracks are in active use and should show extreme caution when operating in vicinity of tracks.			
Report All injuries require a immediate notification to Direct Supervisor.			
HISTORICAL/CULTURAL GUIDELINES			
<ul style="list-style-type: none"> - Leave cultural materials in place at the site of discovery, and mark its location. - Stop clean-up work in the vicinity surrounding the site, within a 6ft radius. 			
10. Prepared By Kyle Johnson	Date/Time 06/01/2015 15:22	11. Reviewed By (PSC) D. Sobieski	Date / Time 06/01/2015 19:00
12. Reviewed By (DSC) Chris Gregory	Date / Time 06/01/2015 19:00		
ASSIGNMENT LIST		06/01/2015 19:35	
Generated by ICS 204-CG			

- Immediately inform the field supervisor, who in turn, should immediately inform the FOSC and/or an appropriately designated cultural resource specialist. Obtain/provide location on map by indicating latitude/longitude.

8. Communications (radio and/or phone contact numbers needed for this assignment)

Name/Function	Radio/Freq./System/Channel	Phone	Cell/Pager
Emergency Communications			
Medical:			

Evacuation:

Other:

Medical:	Evacuation:	Other:

Medical:	Evacuation:	Other:

Medical:	Evacuation:	Other:

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1. Incident Name: Recovery Incident	2. Operational Period (Date/Time) From 06/01/2015 06:00 To 06/03/2015 05:59	Operational Period Ora Period 11	Assignment List ATTACHMENT ICS 204a
3. Branch: Recovery Branch	4. Division/Group/Staging Division MNOP	7. Assignment Location	
5. Strike Team/Task Force/Resource/Identifier Team	6. Leader	Team Leader	

8. Work Assignment Special Instructions/Special Equipment/Supplies Needed for Assignment

WILDLIFE RECOVERY GROUP MINIMIZATION MEASURES

Habitat-specific Measures

These measures are intended to minimize impacts to all biological resources within the habitat and should be implemented to the extent possible regardless of whether listed species are present.

Marine:

- Avoid entering kelp beds as much as possible.
- Avoid boat traffic traveling near or through banks of marine nesting in the water.
- Have a wildlife monitor present on all boats.
- No split response activities should take place within 1,000 feet of nesting seabirds.
- If a seal or otter is observed, keep all response activities as far away from the animal(s) as possible until an expert can be consulted.

Riparian:

- Avoid entering wetland areas as much as possible.
- Avoid disturbing vegetation as much as possible.
- The number of access routes, size of staging areas, and the total area of the response should be limited to the minimum necessary to achieve the mission.
- During the typical breeding season for riparian birds (March 1 – September 15), a biologist should survey riparian vegetation to identify, flag and avoid nests as much as possible.
- Vegetation should be hand trimmed to remove affected portions as necessary; roots should be left in place.
- Response activities should avoid or minimize changes in channel morphology.
- No heavy equipment (bobcats, back hoes, etc.) or earth moving in or next to the creek shall be used without prior DFW approval.
- Any listed plant species should be flagged and avoided.
- For areas potentially occupied by California red-legged frogs, least Bell's vireos, southwestern willow flycatchers, see species-specific minimization measures.

Sandy Beach/Dune:

- Avoid entering vegetated dune habitat as much as possible.
- If vehicle traffic is required in the beach, travel should be restricted to the wet sand as much as possible and should avoid driving over wrack.
- Vehicle traffic should be operated at slow enough speeds to avoid/minimize impacts to wildlife (approximately 5 to 10 miles per hour).
- Use pre-existing access routes through dune habitat; if new access routes are necessary a biologist should be consulted on their location.
- Manual oil removal techniques should be used as much as possible.
- All trash or anything that would attract wildlife to the work area should be removed on a daily basis.
- Dead oiled wildlife should be removed or buried to minimize the secondary oiling of scavenging species.
- For areas potentially occupied by western snowy plovers and/or California least terns, see species-specific minimization measures.

Tidewater goby:

- Equipment and foot traffic entering wetted areas should be avoided to the maximum extent practical to prevent crushing tidewater gobies, their burrows, and eggs.
- If supplemental water is used to flush culverts recommend gradually increasing the intensity/volume during the flush, as tidewater gobies aren't strong swimmers and could be injured or killed if there were sudden high currents. As the flow is being gradually increased, a biologist should be monitoring the culvert exit for tidewater gobies.
- Prior to initiation of any dewatering or diversions, a qualified biologist should install 1/8 inch block nets outside the impact areas to exclude tidewater gobies. If widely separated sites are involved, more than one set of block nets should be placed to protect the work area. The nets should be installed on the first day of work and monitored thereafter for the duration of the work.
- Once the block nets are secured, qualified biologists should remove all tidewater gobies found between the block nets using a 1/8 inch seine and dip nets, and relocate tidewater gobies to suitable habitat downstream of the proposed project site.
- If activities requiring block nets cannot be completed in one day, a new set or successive sets of block nets should be deployed each day, and subsequent surveys and capture/relocation performed accordingly. Fish released from one day's work should not be released into areas projected to be excavated on successive days.
- Should dewatering occur, any pumps used should be fitted with an anti-entrapment device(s) to prevent tidewater gobies from being drawn into the pump or impinged on intake screening.
- Prior to initiation of activities within occupied habitat, an informal tailgate session should be performed in order to inform response personnel about the tidewater goby avoidance/ minimization measures to be implemented during the response.

Least Bell's vireos and/or southwestern willow flycatchers:

- Disturbance of riparian vegetation should be avoided as much as possible.
- A qualified biologist should conduct surveys within suitable habitat for least Bell's vireos and southwestern willow flycatchers during the nesting

10. Prepared By Ryan Johnson	Date/Time 06/01/2015 15:22	11. Reviewed By (PSC) D. Sobek	Date / Time 06/01/2015 19:00	12. Reviewed By (OSC) Chris Gregory	Date / Time 06/01/2015 19:00
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ASSIGNMENT LIST

06/01/2015 19:12

ICS 204-CG (Rev 10/07)

- season (March 1 – September 15) prior to disturbance of riparian vegetation to identify and establish exclusion buffers around any nests (generally at least 500 feet).
- Manual equipment should be used in occupied habitat as much as possible to minimize disturbance from noise.
 - If vegetation removal is required, roots should be left in place as much as possible.
 - A qualified biologist should be present as much as possible during activities that impact suitable habitat.

Lazuli Bell's vireos and/or southwestern willow flycatchers

- Disturbance of riparian vegetation should be avoided as much as possible.
- A qualified biologist should conduct surveys within suitable habitat for Lazuli Bell's vireos and southwestern willow flycatchers during the nesting season (March 1 – September 15) prior to disturbance of riparian vegetation to identify and establish exclusion buffers around any nests (generally at least 500 feet).
- Manual equipment should be used in occupied habitat as much as possible to minimize disturbance from noise.
- If vegetation removal is required, roots should be left in place as much as possible.
- A qualified biologist should be present as much as possible during activities that impact suitable habitat.

California least tern and/or Western snowy plover

- All responders should be informed of the potential for western snowy plovers and/or California least terns to be impacted and of the avoidance/minimization measures being implemented.
- A qualified biologist should identify areas that may contain nests or chicks, and any entry into these areas should be avoided.
- Any work required within nesting areas should be accompanied by a qualified biologist.
- A qualified biologist should identify and demarcate access and egress routes.
- The number of vehicles and number of vehicle trips should be reduced to the minimum needed to achieve the mission.
- All activities near nests or chicks should occur on the lower beach (wet sand), if possible.
- Watch for and avoid western snowy plovers sheltering in tire tracks and sandy depressions.
- If vehicles are used, speed should be kept to less than 10 mph, and vehicles should remain on the lower beach (wet sand), if possible. If it is NOT possible to remain on the lower beach (e.g., it is high tide), responders should stop every 100 m and scan ahead with binoculars to look for western snowy plovers and California least terns on the beach.
- The amount of wrack, shells, and natural/debris removed from the beach should be minimized. If shoreline pre-cleaning is necessary, debris should be stockpiled in an appropriate location (avoiding nesting locations) and returned to the beach after the threat of oil is gone, to the extent practical.

9. Communications (radio and/or phone contact numbers needed for this assignment)

Map/ Chart

Weather Forecast/Tides/Currents

□

10. Prepared By

Kyle Jellison

Date/Time

05/31/2015 15:22

11. Reviewed By (PSC)

D. Sobieski

DIN

Date / Time

05/31/2015 19:00

12. Reviewed By (OSC)

Chris Gregory

PD

Date / Time

05/31/2015 19:00

ASSIGNMENT LIST

05/31/2015 19:12

ICS 204-CG (Rev 10/07)

1. Incident Name Refugio Incident	2. Operational Period (Date/Time) From 05/03/2015 06:00 To 05/03/2015 05:59	Operational Period Ops Period 11	Assignment List ICS 204-CG
3. Branch Recovery Branch	4. Division/Group/Staging Division V-DIE		
Task Force/Strike Team	Team		
5. Operational Personnel	Name	Affiliation	Contact#(s)
Operations Section Chief	Chris Gregory	Will O'Brien's	702-802-1849
Branch Director	Jason Bergeron	Will O'Brien's	201-414-7742
Division/Group Supervisor/STAM	Pete Gardner	Will O'Brien's	205-914-5131
6. Resources Assigned X' indicates 204a attachment with additional instructions.			
Qty x Team Name	Strike Team/Task Force/Resource Identifier	Contact#	# Of Personnel
1 (each)	NRC Hot Shot Team #2	Jesse Keeler 310-623-5552	20
1 (each)	OC Vacuum Hot Shot #2	Richard Barker 562-705-1554	25
1 (each)	WCC Hot Shot #1	Pete Esparza 562-244-1190	25
7. Work Assignments			
Conduct shoreline cleanup as directed and in accordance with SCAT methodology.			
When beaches have been cleaned to Phase 1 criteria, written confirmation is required by SCAT on their POM form.			
Crews will be on stand-by to respond - Conditions will be monitored by Division Supervisor and SCAT.			
Any deceased animals other than Endangered Birds or Sea Mammals found while working shall be bagged and disposed of in the designated bins (Refugio and El Capitan).			
8. Special Instructions			
Instructions for Dead Wildlife and Natural Resource Protection:			
Any LIVE oiled wildlife (birds, mammals, or sea turtles) observed or incidentally collected at clean up operations should be immediately called in to the Wildlife Hotline at 877-823-6926.			
Any DEAD oiled birds, mammals, or sea turtles observed as part of cleanup operations should be called in to the team's supervisor. Supervisors can instruct the team in separating the oiled animal from the regular waste stream and (ideally) collecting it in a separate plastic bag, labeled with division/assignment area, and called into the Wildlife Hotline at 877-823-6926 for Recovery personnel to arrange pick up.			
It is critical that clean up teams not dispose of dead marine organisms (invertebrates, crustaceans, anything other than birds or mammals). Stockpile it in a marked area above the high tide line and a Natural Resource Damage Assessment (NRDA) field team will come by around midday before high tide to ID and catalogue the spill related mortality.			
Do not include any on-shore response or cleanup at Refugio Point without consulting the USFWS and California Dept of Fish and Wildlife.			
SAFETY MESSAGE			
All personnel are reminded to keep hydrated and take rest breaks at a 50/10 work/rest ratio. PPE: Tyvek suit, gloves, safety glass, neoprene boots. Avoid walking near waterways if possible. PFD's must be worn if the potential for drowning exists.			
All response personnel are to be cautious of moving vehicles at all times and look in all directions before proceeding. Response personnel should be aware that all railroad tracks are in active use and should show extreme caution when operating in vicinity of tracks.			
HISTORICAL/CULTURAL GUIDELINES			
<ul style="list-style-type: none"> • Leave cultural materials in place at the site of discovery, and mark its location. • Stop clean-up work in the vicinity surrounding the site, within a 6ft radius. • Immediately inform the field supervisor, who in turn, should immediately inform the FOOSC and/or an appropriately designated cultural resource specialist. Obtain/provide location on map by indicating latitude/longitude. 			
10. Prepared By Kyle Johnson	Date/Time 05/03/2015 15:22	11. Reviewed By (PSC) D. Subrow	Date / Time 05/03/2015 19:50
12. Reviewed By (DSC) Chris Gregory	Date / Time 05/03/2015 19:50	13. Reviewed By (DSC) Date / Time	
ASSIGNMENT LIST		05/03/2015 19:36	
Comments by ICS 204a			

1. Incident Name Refugio Incident	2. Operational Period (Date/Time) From 06/01/2015 00:00 To 06/03/2015 05:59	Operational Period Ops Period 11	Assignment List ATTACHMENT ICS 204a
3. Branch Recovery Branch	4. Division/Group/Staging Division V-D/E		
5. Strike Team/Task Force/Resource/Identifier Team	6. Leader Team Leader	7. Assignment Location	

8. Work Assignment Special Instructions, Special Equipment/Supplies Required for Assignment:

WILDLIFE RECOVERY GROUP MINIMIZATION MEASURES

Habitat specific Measures

These measures are intended to minimize impacts to all biological resources within the habitat and should be implemented to the extent possible regardless of whether listed species are present.

Marine:

- Avoid entering kelp beds as much as possible.
- Avoid boat traffic traveling near or through flocks of seabirds resting at the water.
- Have a wildlife monitor present on all boats.
- No spill response activities should take place within 1,000 feet of nesting seabirds.
- If a sea otter is observed, keep all response activities as far away from the animal(s) as possible until an expert can be consulted.

Riparian:

- Avoid entering wetted areas as much as possible.
- Avoid disturbing vegetation as much as possible.
- The number of access routes, size of staging areas, and the total area of the response should be limited to the minimum necessary to achieve the mission.
- During the typical breeding season for riparian birds (March 1 – September 15), a biologist should survey riparian vegetation to identify, tag and avoid nests as much as possible.
- Vegetation should be hand trimmed to remove affected portions as necessary; roots should be left in place.
- Response activities should avoid or minimize changes in channel morphology.
- No heavy equipment (bobcats, back hoes, etc.) or earth moving in, or next to the creek, shall be used without prior DFW approval.
- Any listed plant species should be flagged and avoided.
- For areas potentially occupied by California red-legged frogs, least Bell's vireos, southwestern willow flycatchers, see species-specific minimization measures.

Sandy Beach/Dune

- Avoid entering vegetated dune habitat as much as possible.
- If vehicle traffic is required in the beach, travel should be restricted to the wet sand as much as possible and should avoid driving over tracks.
- Vehicle traffic should be operated at slow enough speeds to avoid/minimize impact to wildlife (approximately 5 to 10 miles per hour).
- Use pre-existing access routes through dune habitat; if new access routes are necessary a biologist should be consulted on their location.
- Manual oil removal techniques should be used as much as possible.
- All trash or anything that would attract wildlife to the work area should be removed on a daily basis.
- Dead oiled wildlife should be removed or buried to minimize the secondary oiling of scavenging species.
- For areas potentially occupied by western snowy plovers and/or California least terns, see species-specific minimization measures.

Tidewater goby

- Equipment and foot traffic entering wetted areas should be avoided to the maximum extent practical to prevent crushing tidewater gobies, their burrows, and eggs.
- If supplemental water is used to flush culverts recommend gradually increasing the intensity/volume during the flush, as tidewater gobies aren't strong swimmers and could be injured or killed if there were sudden high currents. As the flow is being gradually increased, a biologist should be monitoring the culvert exit for tidewater gobies.
- Prior to initiation of any dewatering or diversions, a qualified biologist should install 1/8 inch block nets outside the impact areas to exclude tidewater gobies. If widely separated sites are involved, more than one set of block nets should be placed to protect the work area. The nets should be installed on the first day of work and monitored thereafter for the duration of the work.
- Once the block nets are secured, qualified biologist(s) should remove all tidewater gobies found between the block nets using a 1/8 inch seine and dip nets, and relocate tidewater gobies to suitable habitat downstream of the proposed project site.
- If activities requiring block nets cannot be completed in one day, a new set of successive sets of block nets should be deployed each day, and subsequent surveys and capture/recapture performed accordingly. Fish released from one day's work should not be released into areas projected to be dewatered on successive days.
- Should dewatering occur, any pump used should be fitted with an anti-entrapment device(s) to prevent tidewater gobies from being drawn into the pump or impinged on intake screening.
- Prior to initiation of activities within occupied habitat, an informal tailgate session should be performed in order to inform response personnel about the tidewater goby avoidance/minimization measures to be implemented during the response.

Least Bell's vireos and/or southwestern willow flycatchers

- Disturbance of riparian vegetation should be avoided as much as possible.

10. Prepared By Kyle Johnson	Date/Time 06/31/2015 15:27	11. Reviewed By (PSC) D. Schuster [initials]	Date / Time 06/31/2015 19:00	12. Reviewed By (OSC) Chris Gregory [initials]	Date / Time 06/31/2015 19:00
ASSIGNMENT LIST		06/31/2015 19:44		ICS 204-CI (Rev 10/07)	

- A qualified biologist should conduct surveys within suitable habitat for least Bell's vireos and southwestern willow flycatchers during the nesting season (March 1 – September 15) prior to disturbance of riparian vegetation to identify and establish exclusion buffers around any nests (generally at least 500 feet).
- Manual equipment should be used in occupied habitat as much as possible to minimize disturbance from noise.
- If vegetation removal is required, roots should be left in place as much as possible.
- A qualified biologist should be present as much as possible during activities that impact suitable habitat.

California least tern and/or Western snowy plover

- All responders should be informed of the potential for western snowy plovers and/or California least terns to be impacted and of the avoidance/minimization measures being implemented.
- A qualified biologist should identify areas that may contain nests or chicks, and any entry into these areas should be avoided.
- Any work required within nesting areas should be accompanied by a qualified biologist.
- A qualified biologist should identify and demarcate access and egress routes.
- The number of vehicles and number of vehicle trips should be reduced to the minimum needed to achieve the mission.
- All activities near nests or chicks should occur on the lower beach (wet sand), if possible.
- Watch for and avoid western snowy plovers sheltering in fire tracks and sandy depressions.
- If vehicles are used, speed should be kept to less than 10 mph, and vehicles should remain on the lower beach (wet sand). If it is not possible to remain on the lower beach (e.g., it is high tide), responders should stop every 100 m and scan ahead with binoculars to look for western snowy plovers and California least terns on the beach.
- The amount of wrack, shells, and natural debris removed from the beach should be minimized. If shoreline pre-cleaning is necessary, debris should be stockpiled in an appropriate location (avoiding nesting locations) and returned to the beach after the threat of oil is gone, to the extent practical.

8. Communications (radio and/or phone contact numbers needed for this assignment)

- | | | |
|-------------------------------------|--|--------------------------|
| <input type="checkbox"/> Map/ Chart | <input type="checkbox"/> Weather Forecast/Tides/Currents | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (DSC)	Date / Time
Kyle Jellison	05/31/2015 15:22	D. Sobieski	05/31/2015 19:00	Chris Gregory	05/31/2015 19:00
ASSIGNMENT LIST			05/31/2015 19:44		ICS 204-CG (Rev.10/07)

1. Incident Name Refugio Incident	2. Operational Period (Date/Time) From 06/01/2015 06:00 To 06/03/2015 06:59	Operational Period Dpe Period 11	Assignment List ICS 204-CG								
3. Branch Recovery Branch	4. Division/Group/Staging Protection Group										
Task Force/Strike Team	Team										
5. Operational Personnel	Name	Affiliation	Contact#(s)								
Operations Section Chief	Chris Gregory	Witt O'Brien's	702-802-1842								
Branch Director	Jason Bergeron	Witt O'Brien's	281-414-7742								
Division/Group Supervisor/STAM	R. Delgado	Patrick	362-244-4408								
6. Resources Assigned	X indicates 204a attachment with additional instructions										
Qty x Size (Unit)	Strike Team/Task Force/Resource Leader Identifier	Contact#	# Of Persons Notes								
1 (each)	Task Force 1	Ruben D	CH 10 4 Report to Staging at 0600 X								
7. Work Assignments											
As directed, deploy and maintain strategies per the Area Contingency Plan											
8. Special Instructions											
<p>Follow site strategies as per ACP; deploying boom, sorbents and fence stakes.</p> <p>PPE: Tyvek suits, gloves, safety glasses, neoprene boots. PFDs are required within 10' of water or presents a risk of drowning.</p> <p>Offshore work on vessels are required a PFD</p>											
<p>Instructions for Dead Wildlife and Natural Resource Protection</p> <p>Any LIVE oiled wildlife (birds, mammals, or sea turtles) observed or incidentally collected in clean up operations should be immediately called in to the Wildlife Hotline at 877-823-6926.</p> <p>Any DEAD oiled birds, mammals, or sea turtles observed as part of cleanup operations should be called in to the team's supervisor. Supervisors can instruct the team in separating the oiled animal from the regular waste stream and (ideally) collecting it in a separate plastic bag, labeled with division/assignment area, and called into the Wildlife Hotline at 877-823-6926 for Recovery personnel to arrange pick up.</p> <p>It is critical that clean up teams not dispose of dead marine organisms (invertebrates, crustaceans, anything other than birds or mammals). Stockpile it in a marked area above the high tide line and a Natural Resource Damage Assessment (NRDA) field team will come by around midday/before high tide to ID and catalogue the spill related mortality.</p> <p>Do not initiate any on-shore response or cleanup at Coal Oil Point without consulting the USFWS and California Dept of Fish and Wildlife.</p> <p>On Water: Avoid entering kelp beds as much as possible. Avoid boat traffic traveling near or through flocks of seabirds resting on water, stay 1000 ft away from nesting seabirds. If sea otter is observed keep clear and call Mike Harris immediately 831-212-7090</p>											
<p>SAFETY MESSAGE</p> <p>All response personnel are to be cautious of moving vehicles at all times and look in all directions before proceeding. Response personnel should be aware that all railroad tracks are in active use and should show extreme caution when operating in vicinity of tracks.</p>											
<p>HISTORICAL/CULTURAL GUIDELINES</p> <ul style="list-style-type: none"> Leave cultural materials in place at the site of discovery, and mark its location. Stop clean-up work in the vicinity surrounding the site, within a 6ft radius. Immediately inform the field supervisor, who in turn, should immediately inform the FOSC and/or an appropriately designated cultural resource specialist. Obtain/provide location on map by indicating latitude/longitude. 											
<p>Report All Injuries require a immediate notification to Direct Supervisor.</p>											
<p>9. Communications (radio and/or phone contact numbers needed for this assignment)</p> <table border="1"> <thead> <tr> <th>Name/Function</th> <th>Radio Freq/System/Channel</th> <th>Phone</th> <th>Cell/Pager</th> </tr> </thead> <tbody> <tr> <td>Marine VHF</td> <td>CH 10</td> <td>562-244-4406</td> <td></td> </tr> </tbody> </table>				Name/Function	Radio Freq/System/Channel	Phone	Cell/Pager	Marine VHF	CH 10	562-244-4406	
Name/Function	Radio Freq/System/Channel	Phone	Cell/Pager								
Marine VHF	CH 10	562-244-4406									
10. Prepared By Kyle Jeilsson	Date/Time 06/31/2015 16:22	11. Reviewed By (PSC) D. Sobieski [initials]	Date / Time 06/31/2015 19:00	12. Reviewed By (OSC) Chris Gregory [initials]	Date / Time 06/31/2015 19:00						
ASSIGNMENT LIST			06/31/2015 19:15 ICS 204-CG (Rev 10/07)								

Emergency Communications

Medical: 911

Evacuation: 911

Other: 911

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Kyle Jellison	05/31/2015 16:22	D. Sobieski [initials]	05/31/2015 19:00	Chris Gregory [initials]	05/31/2015 19:00
ASSIGNMENT LIST			05/31/2015 19:15	ICS 204-CG (Rev.10/07)	

Generated by WFO O'Brien

1. Incident Name Refugio Incident	2. Operational Period (Date/Time) From 06/01/2015 06:00 To 06/03/2015 05:59	Operational Period Ope Period 11	Assignment List ATTACHMENT ICS 204a
3. Branch Recovery Branch	4. Division/Group/Staging Protection Group		
5. Strike Team/Task Force/Resource/Identifier	6. Leader	7. Assignment Location	
Team	Team Leader		

8. Work Assignment Special Instructions/Special Equipment/Supplies Needed for Assignment:

WILDLIFE RECOVERY GROUP MINIMIZATION MEASURES

Habitat-specific Measures

These measures are intended to minimize impacts to all biological resources within the habitat and should be implemented to the extent possible regardless of whether listed species are present.

Marine

- Avoid entering kelp beds as much as possible.
- Avoid boat traffic traveling near or through flocks of seabirds resting in the water.
- Have a wildlife monitor present on all boats.
- No spill response activities should take place within 1,000 feet of nesting seabirds.
- If a sea otter is observed, keep all response activities as far away from the animal(s) as possible until an expert can be consulted.

Riparian

- Avoid entering wetted areas as much as possible.
- Avoid disturbing vegetation as much as possible.
- The number of access routes, size of staging areas, and the total area of the response should be limited to the minimum necessary to achieve the mission.
- During the typical breeding season for riparian birds (March 1 – September 15), a biologist should survey riparian vegetation to identify, flag and avoid nests as much as possible.
- Vegetation should be hand trimmed to remove affected portions as necessary; roots should be left in place.
- Response activities should avoid or minimize changes in channel morphology.
- No heavy equipment (bobcats, back hoes, etc.) or earth moving in, or next to the creek shall be used without prior DFW approval.
- Any listed plant species should be flagged and avoided.
- For areas potentially occupied by California red-legged frogs, least Bell's vireos, southwestern willow flycatchers, see species-specific minimization measures.

Sandy Beach/Dune

- Avoid entering vegetated dune habitat as much as possible.
- If vehicle traffic is required in the beach, travel should be restricted to the wet sand as much as possible and should avoid driving over wrack.
- Vehicle traffic should be operated at slow enough speeds to avoid/minimize impacts to wildlife (approximately 5 to 10 miles per hour).
- Use pre-existing access routes through dune habitat; if new access routes are necessary a biologist should be consulted on their location.
- Manual oil removal techniques should be used as much as possible.
- All trash or anything that would attract wildlife to the work area should be removed on a daily basis.
- Dead oiled wildlife should be removed or buried to minimize the secondary oiling of scavenging species.
- For areas potentially occupied by western snowy plovers and/or California least terns, see species-specific minimization measures.

Tidewater goby

- Equipment and foot traffic entering wetted areas should be avoided to the maximum extent practical to prevent crushing tidewater gobies, their burrows, and eggs.
- If supplemental water is used to flush culverts recommend gradually increasing the intensity/volume during the flush, as tidewater gobies aren't strong swimmers and could be injured or killed if there were sudden high currents. As the flow is being gradually increased, a biologist should be monitoring the culvert exit for tidewater gobies.
- Prior to initiation of any dewatering or diversions, a qualified biologist should install 1/8 inch block nets outside the impact areas to exclude tidewater gobies. If widely separated sites are involved, more than one set of block nets should be placed to protect the work area. The nets should be installed on the first day of work and monitored thereafter for the duration of the work.
- Once the block nets are secured, qualified biologist(s) should remove all tidewater gobies found between the block nets using a 1/8 inch seine and dip nets, and relocate tidewater gobies to suitable habitat downstream of the proposed project site.
- If activities requiring block nets cannot be completed in one day, a new set or successive sets of block nets should be deployed each day, and subsequent surveys and capture/relocation performed accordingly. Fish released from one day's work should not be released into areas projected to be excavated on successive days.
- Should dewatering occur, any pumps used should be fitted with an anti-entrapment device(s) to prevent tidewater gobies from being drawn into the pump or impinged on intake screening.
- Prior to initiation of activities within occupied habitat, an informal tailgate session should be performed in order to inform response personnel about the tidewater goby avoidance/ minimization measures to be implemented during the response.

Least Bell's vireos and/or southwestern willow flycatchers

- Disturbance of riparian vegetation should be avoided as much as possible.

10. Prepared By Kyle Jellison	Date/Time 06/31/2015 16:22	11. Reviewed By (PSC) D. Sobieski	Date / Time 06/31/2015 19:00	12. Reviewed By (DSC) Chris Gregory	Date / Time 06/31/2015 19:00
ASSIGNMENT LIST					

- A qualified biologist should conduct surveys within suitable habitat for least Bell's vireos and southwestern willow flycatchers during the nesting season (March 1 – September 15) prior to disturbance of riparian vegetation to identify and establish exclusion buffers around any nests (generally at least 500 feet).
- Manual equipment should be used in occupied habitat as much as possible to minimize disturbance from noise.
- If vegetation removal is required, roots should be left in place as much as possible.
- A qualified biologist should be present as much as possible during activities that impact suitable habitat.

California least tern and/or Western snowy plover:

- All responders should be informed of the potential for western snowy plovers and/or California least terns to be impacted and of the avoidance/minimization measures being implemented.
- A qualified biologist should identify areas that may contain nests or chicks, and any entry into those areas should be avoided.
- Any work required within nesting areas should be accompanied by a qualified biologist.
- A qualified biologist should identify and demarcate access and egress routes.
- The number of vehicles and number of vehicle trips should be reduced to the minimum needed to achieve the mission.
- All activities near nests or chicks should occur on the inner beach (wet sand), if possible.
- Watch for and avoid western snowy plovers sheltering in tire tracks and sandy depressions.
- If vehicles are used, speed should be kept to less than 10 mph, and vehicles should remain on the lower beach (wet sand), if possible. If it is not possible to remain on the lower beach (e.g., it is high tide), responders should stop every 100 m and scan ahead with binoculars to look for western snowy plovers and California least terns on the beach.
- The amount of wrack, shale, and natural debris removed from the beach should be minimized. If shoreline pre-cleaning is necessary, debris should be stockpiled in an appropriate location (avoiding nesting locations) and returned to the beach after the threat of oil is gone, to the extent practical.

9. Communications (radio and/or phone contact numbers needed for this assignment):

Map/ Chart

Weather Forecast/Tides/Currents

10. Prepared By

Kyle Johnson

Date/Time

05/31/2015 16:22

11. Reviewed By (PSC)

D. Schmitz /*[Signature]*

Date / Time

05/31/2015 19:00

12. Reviewed By (OSC)

Chris Crowley /*[Signature]*

Date / Time

05/31/2015 19:00

ASSIGNMENT LIST

05/31/2015 19:18

ICS 204-03 (Rev. 10/07)

1. Incident Name Refugio Incident	2. Operational Period (Date/Time) From: 06/01/2015 06:00 To: 06/03/2015 05:59	Operational Period Ops Period 11	Assignment List ICS 204-CG		
3. Branch	4. Division/Group/Staging Pipeline Repair Group				
Task Force/Strike Team	Team				
5. Operational Personnel	Name	Affiliation	Contact#(s)		
Operations Section Chief Branch Director	Chris Gregory	Will O'Briens	702-602-1849		
Division/Group Supervisor/STAM	Donn Zuroski	U.S. EPA	415-971-6829		
6. Resources Assigned X indicates 204a attachment with additional instructions					
Qty x Size (Unit)	Strike Team/Task Force/Resource Identifier	Leader Contact#	# Of Persons Notes		
1 (each)	Culvert Task Force	Rich Hartwig 562-452-6926	0 18 Pacific Petroleum, 1 Santeac, EPA start team (4)		
1	Excavation Task force	Donn Zuroski 415-971-6829	0 Excavation and Verification team (14), Pacific Petroleum (18), Santeac (1), EPA start team (4), Assessment Team (6)		
16 (each)	Pressure Washers		0 Excavation Task force		
1	Section 4 Task Force	Carlos Sanchez 510-915-4052	0		
7. Work Assignments					
<p>Excavation Task force will carry out operations as per the Attached Excavation plan</p> <p>Culvert Task Force Shall:</p> <ul style="list-style-type: none"> -Area 2, Section 2 (Under US 101); fabricate containment berm (see Area 2, section 1 fabrication standards from 5/20/15 Rev-04). -Wash interior of concrete culvert utilizing a rotating pressure wash system, using fresh water to remove all crude oil contaminates until water is visibly clean and clear. Visual concurrence should be verified and witnessed by an authorized environmental representative. Pipeline oil removal operations will continue throughout evening. <p>Section 4 Task Force Shall:</p> <ul style="list-style-type: none"> -Conduct removal operations of oil and contaminated solid waste in accordance with the approved Section Plan 					
8. Special Instructions					
<p>Excavation Task Force</p> <p>Safety Officers and air monitoring shall be present during operations</p> <p>Prior to excavations archeologist shall be consulted and if there are any cultural or historic resource concerns, archeologist shall be present to monitor the operations</p> <ol style="list-style-type: none"> 1. A minimum of 25 feet from the potential release locations shall be maintained. 2. All recovered oil shall be quantified and disposed of in accordance with the waste management plan. 					
<p>Volunteers: 1-800-228-4544</p> <p>Claims: 866-753-3619</p> <p>Public Affairs/JIC: 805-596-1188</p> <p>State Park Law Enforcement: 951-443-2969</p> <p>Sheriff's Dispatch: 805-692-5743</p>					
Instructions for Dead Wildlife and Natural Resource Protection					
HAZARD MITIGATION					
<p>All personnel operating in the restricted area shall wear level D (hard hats, safety toe boots, safety glasses, FRC clothing).</p> <p>Respiratory protection (full face air purifying respirator with OV-P100 cartridges) may be required to be used by all personnel based on continuous air monitoring readings.</p> <p>Engineering controls such as vapor barriers and portable ventilation shall be used in the evacuation area prior to use of respiratory protection.</p> <p>All personnel are reminded to stay hydrated and take breaks as needed.</p>					
10. Prepared By Mike Nosbaum	Date/Time 06/31/2015 16:22	11. Reviewed By (PSC) Dan Sobieski	Date / Time 06/31/2015 19:00	12. Reviewed By (OSC) Chris Gregory	Date / Time 06/31/2015 19:00
ASSIGNMENT LIST			06/31/2015 19:03 ICS 204-CG (Rev. 10/07)		

- Notify Assistant Safety Officer if safety issues arise.

SAFETY MESSAGE

All response personnel are to be cautious of moving vehicles at all times and look in all directions before proceeding. Response personnel should be aware that all railroad tracks are in active use and should show extreme caution when operating in vicinity of tracks.

HISTORICAL/CULTURAL GUIDELINES

- Leave cultural materials in place at the site of discovery, and mark its location.
- Stop clean-up work in the vicinity surrounding the site, within a 6ft radius.
- Immediately inform the field supervisor, who in turn, should immediately inform the FOSC and/or an appropriately designated cultural resource specialist. Obtain/provide location on map by indicating latitude/longitude.

Report All Injuries require a immediate notification to Direct Supervisor.

8. Communications (radio and/or phone contact numbers needed for this assignment)

Emergency Contact Name	Radio Freq (Priority Channel)	Phone	Cell/Other
Medical:	Evacuation:	Others:	

10. Prepared By

Mike Novakum

Date/Time:

05/31/2015 16:22

11. Reviewed By (PSC)

Dan Schmitz DNR

Date / Time:

05/31/2015 19:00

12. Reviewed By (OSC)

Chris Gregory

Date / Time:

05/31/2015 19:00

ASSIGNMENT LIST

05/31/2015 19:03

ICS 204-03 (Rev 10/07)

1. Incident Name Refugio Incident	2. Operational Period (Date/Time) From: 06/01/2015 06:00 To: 06/03/2015 05:59	Operational Period Ops Period 11	Assignment List ICS 204-CG		
3. Branch	4. Division/Group/Staging Law - Security Group				
Task Force/Strike Team	Team				
5. Operational Personnel	Name	Affiliation	Contact#(s)		
Operations Section Chief	Chris Gregory	Will O'Brien's	702-802-1849		
Branch Director					
Division/Group Supervisor/STAM	Bryan Holmsted				
6. Resources Assigned X' indicates 204a attachment with additional instructions.					
Qty x Size (Unit)	Strike Team/Task Force/Resource Identifier	Ledger	Contract#	# Of Persons	Notes
1 (each)	Law Enforcement Team	B. McVay		10	
14	Security Land	B. McVay	805-617-5735	0	Sheriff, State Parks, HCP, Fish and Wildlife
1 (each)	Response Personnel - Security Guard @ Source Site, Night Ops ISS Security				
1 (each)	Vehicle - Security Vehicle - ISS Security				
1 (each)	Boat - CA Fish & Wildlife SB Patrol Boat				
4 (each)	Personnel - Patrol Boat Personnel				
1 (each)	Personnel - Security-Law Enforcement Technical Specialist				
1 (each)	Personnel - Night time Security Officer for Wildlife Branch Equipment & Evidence - B Capitan/Del Mar Camp				
7. Work Assignments					
Prevent unauthorized persons from entering or remaining in the spill area. Contact and identify all persons not readily identifiable. Escort any unauthorized person from the area.					
Land units- Contact any unidentified vehicle parked in the area with emphasis on highway 101 where access to the beach can be made. Remove all unauthorized persons and vehicles. Do not loiter on or around the railway.					
Water units- Contact any unidentified vessels entering or in the spill zone. Diver or escort unauthorized vessels from the spill area.					
8. Special Instructions					
Identify any persons or vessels that may need decontamination. Personnel are remind to stay hydrated and work rest regimen as necessary.					
Instructions for Dead Wildlife and Natural Resource Protection:					
Any LIVE oiled wildlife (birds, mammals, or sea turtles) observed or incidentally collected in clean up operations should be immediately called in to the Wildlife Hotline at 877-823-6926.					
Any DEAD oiled birds, mammals, or sea turtles observed as part of cleanup operations should be called in to the team's supervisor. Supervisors can instruct the team in separating the oiled animal from the regular waste stream and (ideally) collecting it in a separate plastic bag, labeled with division/assignment area, and called into the Wildlife Hotline at 877-823-6926 for Recovery personnel to arrange pick up.					
It is critical that clean up teams not dispose of dead marine organisms (invertebrates, crustaceans, anything other than birds or mammals). Stockpile it in a marked area above the high tide line and a Natural Resource Damage Assessment (NRDA) field team will come by around midday/before high tide to ID and catalogue the spill related mortality.					
Do not initiate any on-shore response or cleanup at Coal Oil Point without consulting the USFWS and California Dept of Fish and Wildlife.					
On Water: Avoid entering kelp beds as much as possible. Avoid boat traffic traveling near or through flocks of seabirds resting on water, stay 1000 ft.					
10. Prepared By Kyle Jellison	Date/Time 05/31/2015 19:31	11. Reviewed By (PSC) D. Sobelski	Date / Time 05/31/2015 19:00	12. Reviewed By (OSC) Chris Gregory	Date / Time 05/31/2015 19:00
ASSIGNMENT LIST			05/31/2015 19:00 ICS 204-CG (Rev.10/07)		

away from nesting seabirds. If sea otter is observed keep clear and call Mike Harris immediately, 831-212-7000.

SAFETY MESSAGE

All response personnel are to be cautious of moving vehicles at all times and look in all directions before proceeding. Response personnel should be aware that all railroad tracks are in active use and should show extreme caution when operating in vicinity of tracks.

HISTORICAL/CULTURAL GUIDELINES

- * Leave cultural materials in place at the site of discovery, and mark its location.
- * Stop clean-up work in the vicinity surrounding the site, within a 5ft radius.
- * Immediately inform the field supervisor, who in turn, should immediately inform the FOSC and/or an appropriately designated cultural resource specialist. Obtain/provide location on map by indicating latitude/longitude.

Report All Injuries require a immediate notification to Direct Supervisor.

9. Communications (radio and/or phone contact numbers needed for this assignment)

Message Recipient	Radio Frequency/Channel	Phone	Cell Phone

Emergency Communications

Medical:	911	Evacuation:	911	Other:	911
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10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Kyle Johnson	05/31/2015 19:31	D. Schmitz [initials]	05/31/2015 19:00	Chris Gregory [initials]	05/31/2015 19:00

ASSIGNMENT LIST

05/31/2015 19:00

ICS 204-CG (Rev. 10/07)

Dispensed to [initials]

1. Incident Name Refugio Incidents	2. Operational Period (Date/Time) From 06/01/2015 06:00 To 06/03/2015 05:59	Operational Period Ops Period 11	Assignment List ICS 204-CG			
3. Branch Air Operations Branch	4. Division/Group/Staging					
Task Force/Strike Team:	Team					
5. Operational Personnel	Name	Affiliation	Contact(s)			
Operations Section Chief	Chris Gregory	Will O'Brien's	702-802-1549			
Branch Director	Kyle Jellison	Will O'Brien's	954-218-4235			
6. Resources Assigned						
'X' indicates 204a attachment with additional instructions						
Qty x Size (Unit)	Strike Team/Task Force/Resource Leader Identifier	Contact	# Of Persons Notes			
1 (each)	Strike Team 1 Overflight / Command and Control	Mark Wroble 310-613-2566	2 Aspen Helo for Command and Control Tactical X			
2 (each)	Helicopter from Aspen Air, 3 Passenger		0			
7. Work Assignments						
<p>Provide Coordination of Air Ops in the Area of Operations.</p> <p>Enforce temporary flight restrictions (TFR) within the norms of safety.</p> <p>Refer to Airops 220 for flight manifest.</p>						
8. Special Instructions						
<p>Air Ops Minimization Measures</p> <p>Maintain minimum altitude of 500 feet above or a 1/2 mile away from Snowy Plover Habitat in the vicinity of Coal Oil Point. The 500 ft altitude needs to be taken into account and maintained when flying/hovering above Bluffs.</p>						
<p>SAFETY MESSAGE</p> <p>All response personnel are to be cautious of moving vehicles at all times and look in all directions before proceeding. Response personnel should be aware that all railroad tracks are in active use and should show extreme caution when operating in vicinity of tracks.</p>						
<p>Report All Injuries require a immediate notification to Direct Supervisor.</p>						
9. Communications (radio and/or phone contact numbers needed for this assignment)						
Name/Function	Radio Freq./System/Channel	Phone	Cel/Pager			
123.02 MHZ	VHF channel 10&16					
Emergency Communications						
Medical:	Evacuation:	Others:				
10. Prepared By Kyle Jellison		Date/Time 06/31/2015 19:54	11. Reviewed By (PSC) D. Sabieski	Date / Time 06/31/2015 19:00	12. Reviewed By (OSC) Chris Gregory	Date / Time 06/31/2015 19:00
ASSIGNMENT LIST				05/31/2015 18:58	ICS 204-CG (Rev.10/07)	

1. Incident Name Refugio Incident	2. Operational Period (Date/Time) From 06/01/2015 06:00 To 06/03/2015 05:59	Operational Period Ops Period 11	Assignment List ATTACHMENT ICS 204a
3. Branch Air Operations Branch	4. Division/Group/Staging		
5. Strike Team/Task Force/Resource/Identifier	6. Leader	7. Assignment Location	
Team	Team Leader		
8. Work Assignment Special Instructions/Special Equipment/Supplies Needed for Assignment WILDLIFE RECOVERY GROUP MINIMIZATION MEASURES			
<p>Habitat-specific Measures: These measures are intended to minimize impacts to all biological resources within the habitat and should be implemented to the extent possible regardless of whether listed species are present.</p> <p>Least Bell's vireos and/or southwestern willow flycatchers:</p> <ul style="list-style-type: none"> Disturbance of riparian vegetation should be avoided as much as possible. A qualified biologist should conduct surveys within suitable habitat for least Bell's vireos and southwestern willow flycatchers during the nesting season (March 1 – September 15) prior to disturbance of riparian vegetation to identify and establish exclusion buffers around any nests (generally at least 500 feet). Manual equipment should be used in occupied habitat as much as possible to minimize disturbance from noise. If vegetation removal is required, roots should be left in place as much as possible. A qualified biologist should be present as much as possible during activities that impact suitable habitat. <p>California least tern and/or Western snowy plover:</p> <ul style="list-style-type: none"> All responders should be informed of the potential for western snowy plovers and/or California least terns to be impacted and of the avoidance/minimization measures being implemented. A qualified biologist should identify areas that may contain nests or chicks, and any entry into these areas should be avoided. Any work required within nesting areas should be accompanied by a qualified biologist. A qualified biologist should identify and demarcate access and egress routes. The number of vehicles and number of vehicle trips should be reduced to the minimum needed to achieve the mission. All activities near nests or chicks should occur on the lower beach (wet sand), if possible. Watch for and avoid western snowy plovers sheltering in tire tracks and sandy depressions. 			
9. Communications (radio and/or phone contact numbers needed for this assignment)			
<input type="checkbox"/> Map/ Chart <input type="checkbox"/> Weather Forecast/Tides/Currents <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
10. Prepared By Kyle Jejjison	Date/Time 05/31/2015 19:54	11. Reviewed By (PSC) D. Sobieski <i>[Signature]</i>	Date / Time 05/31/2015 19:00
12. Reviewed By (OSC) Chris Gregory <i>[Signature]</i>	Date / Time 05/31/2015 19:00		
ASSIGNMENT LIST		05/31/2015 18:58	
Generated by Mr. O'Neill			

1. Incident Name Refugio Incident	2. Operational Period (Date/Time) From 06/01/2015 06:00 To 06/03/2015 05:59	Operational Period Ops Period 11	Assignment List ICS 204-CG
3. Branch Task Force/Strike Team	4. Division/Group/Staging SCAT Team		
5. Operational Personnel Operations Section Chief Branch Director Division/Group Supervisor/STAM	Name D. Sobieski (PSC) and M. Boggs Josh Curtis	Affiliation Wild Oceans and CA DFW-OSPR CDFW-OSPR	Contact#(s) 805-558-1005 707-330-4122

6. Resources Assigned

'X' indicates 204a attachment with additional instructions

Qty x Size (Unit) Identifier	Strike Team/Task Force/Resource	Leader	Contact#	# Of Persons	Notes
1 (each)	SCAT Team 1	Ken Wilson	805-558-1005	3	SB-K-01
1 (each)	SCAT Team 2	Sonia Torres	562-342-7215	3	SB-J-01
1 (each)	SCAT Team 3	Dave Price	707-322-6681	3	VN-G-01, 02
1 (each)	SCAT Team 4	Diana Grossi	661-426-5276	3	VN-H-01 through 08

7. Work Assignments

Report to ICP at 0700

Receive assignments, read and sign site safety plan and calibrate.

Complete SCAT assignments by 1500 hrs return to ICP at 1800 hrs for briefing with Scat Coordinator (Josh Curtis)

Report any changes in Scat Team Leaders to Unified Command through the Chain of Command. (Sunday May 31st)

8. Special Instructions

PPE is available from OPS on scene.

Report oiled wildlife to Wildlife Branch Director or Deputy. Refer public wildlife reports to OWCN 877-823-6926

Refer all media request to PIO Steve Gonzalez 916-539-6129

Refer public wildlife reports to OWCN 877-823-6926

Scat Teams to assess staging and waste stockpiles areas for environmental sensitivity and report back to SCAT coordinator

For cultural/Archeological concerns, Sean Ross, Field observer coordinator 415-720-4166 & Michael Kirchner, Warden 831-901-6389.

No Cultural Monitor needed when flipping cobbles and when digging trenches. When digging trenches make sure to fill in hole.

Volunteers: 888-567-SERV

Claims: 866-753-3619

Public Affairs/JIC: 805-696-1188

State Park Law Enforcement: 951-443-2969

Sheriff's Dispatch: 805-692-5743

Instructions for Dead Wildlife and Natural Resource Protection

Any LIVE oiled wildlife (birds, mammals, or sea turtles) observed or incidentally collected in clean up operations should be immediately called in to the Wildlife Hotline at 877-823-6926.

Any DEAD oiled birds, mammals, or sea turtles observed as part of cleanup operations should be called in to the team's supervisor. Supervisors can instruct the team in separating the oiled animal from the regular waste stream and (ideally) collecting it in a separate plastic bag, labeled with division/assignment area, and called into the Wildlife Hotline at 877-823-6926 for Recovery personnel to arrange pick up.

It is critical that clean up teams not dispose of dead marine organisms (invertebrates, crustaceans, anything other than birds or mammals). Stockpile it in a marked area above the high tide line and a Natural Resource Damage Assessment (NRDA) field team will come by around midday/before high tide to ID and catalogue the spill related mortality.

Do not initiate any on-shore response or cleanup at Coal Oil Point without consulting the USFWS and California Dept of Fish and Wildlife.

HISTORICAL/CULTURAL GUIDELINES

- Leave cultural materials in place at the site of discovery, and mark its location.

10. Prepared By Mike Noebaum	Date/Time 05/31/2015 17:00	11. Reviewed By (PSC) D. Sobieski T/M	Date / Time 05/31/2015 18:00	12. Reviewed By (OSC) Chris Gregory	Date / Time 05/31/2015 18:00
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ASSIGNMENT LIST

05/31/2015 19:22

ICS 204-CG (Rev 10/07)

- Stop clean-up work in the vicinity surrounding the site, within a 6ft radius.
- Immediately inform the field supervisor, who in turn, should immediately inform the FDSC and/or an appropriately designated cultural resource specialist. Obtain/provide location on map by indicating latitude/longitude.

Report All Injuries require a immediate notification to Direct Supervisor.

9. Communications (radio and/or phone contact numbers needed for this assignment)

Name/Function	Radio/Freq./System/Channel	Phone	Cell/Pager
Emergency Communications			
Medical:	911	Evacuation:	911
Other:			911

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Mike Nosbaum	05/31/2015 17:00	D. Sobeski	05/31/2015 18:00	Chris Gregory	05/31/2015 18:00
ASSIGNMENT LIST			05/31/2015 19:22		ICS 204-CG (Rev.10/07)

1. Incident Name
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COMMUNICATIONS LIST
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3. Basic Local Communications Information

Last Name	First Name	Organization	Phone
Abbey	Zack	Stantec	(805) 444-9252
Abdohintzman	Khalood	Applied Earthworks	(909) 496-7136
Abe	Kelly	Ca Fish & Wildlife	(916) 216-3964
Abrams	Ricard	SB Co EM	(805) 896-6371
Adam	Peter	SB Co Supervisor	
Adams	Kira	Coast Guard	(813) 300-6482
Addassi	Yvonne	OSPR	(916) 956-1162
Ajan	Todd	Ca Fish & Wildlife	(707) 322-4300
Almarza	Carlos	SB Co	(805) 451-3870
Alton	Joshua	Coast Guard	(503) 931-3816
Altstatt	Jessica	OSPR	(805) 708-8882
Alvis	Kim	CTEH	(901) 786-1515
Ames	Arianna	Weber Shandwick	(631) 327-3537
Amon	George	Coast Guard	(262) 995-8188
Anderson	Ryan	Plains	(281) 224-9891
Anderson	Kile	Worley	(225) 266-4482
Anderson	Peter	Coast Guard	(805) 896-6792
Anderson	Michael	OSPR	(916) 826-1136
Angus	Deana	NOAA	(408) 623-5323
Arganda	Dominic	CHF	(805) 878-7504
Arkinstall	Leonard	Ca Fish & Wildlife	(949) 289-3757
Armas	Lidia	Ca DES	(916) 340-5893
Armstrong	Greg	Plains	(713) 646-4100
Arndt	Elsa	SB OEM	(805) 681-5524
Arredondo	Juan	Patriot Environmental	(661) 340-9779
Arrington	Bill	US DOT	(909) 877-7049
Arrington	Eleanor	UC SB	(585) 698-6296
Backus	Dave	CTEH	(901) 496-6658
Baerstein	Melissa	Stantec	(909) 362-3947
Balta	John	Coast Guard	(202) 725-6364
Bailey	Julie	NOAA	(805) 235-8022
Baker	Phil	CTEH	(501) 804-8136
Banks	Illa	Ca Fish & Wildlife	(909) 229-1578
Barbier	Brian	Applied Earthworks	(630) 848-3253
Barradas	Katia	CERT	(805) 319-2623
Barriga	Gonzalo	LA FD Inv	(213) 725-8862
Bassin	Rich	Coast Guard	(732) 433-0380
Beat	John	Coast Guard	(440) 315-0765
Beckwith	Chris	OSPR	(916) 591-0343
Beono	Jamie	ISS	(903) 570-8958
Bell	Bruce	CTEH	(504) 628-7177

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Benavides	Jose	Patriot Environmental	(661) 340-7887
Benninghoven	Sheri	SB Co CEO	(805) 450-4886
Berg	Catherine	NOAA	(907) 529-9167
Berg	Mike	CTEH	(501) 517-5712
Berger	Michael	NOAA	(678) 472-2410
Bergeron	Jason	WOB	(281) 414-7742
Bernardi-Kowalewski	Michelle	NOAA	(805) 896-0858
Bernard	Matt	Stantec	(401) 369-4366
Bess	David	Ca Fish & Wildlife	(916) 718-7713
Beveridge	Dave	OSPR	(916) 919-6431
Bicksler	Scott	Aerotek	(951) 543-8161
Bierce	Pamela	US Fish & Wildlife	(916) 207-8385
Bilbe	Charles	Worley	(504) 559-8102
Bingham	Shauna	NOAA	(805) 893-6421
Bishop	Jonathan	Ca Coastal Comm	(415) 693-8375
Black	Ned	US EPA	(415) 686-3994
Black	Dianne	SB Co	(805) 886-4367
Blackerby	Hillary	CERT	(760) 285-7025
Blevins	Jason	Plains	(281) 217-4846
Blumenfeld	Jared	US EPA	(415) 215-2375
Bode	Denise	Plains	(405) 818-1775
Boelhouwer	Steve	SB ICT	(805) 568-2656
Boggs	Melissa	Ca Fish & Wildlife	(805) 558-1005
Boisen	Kent	SB Co TD	(805) 755-3120
Bonham	Chuck	Ca Fish & Wildlife	
Bonty	Mona	Ca OES	(562) 673-0411
Borlas	Chris	Applied Earthworks	(772) 453-1074
Bosma	Bonnie	CERT	(805) 455-7572
Bourgeois	Shelley	Pace Analytical	(225) 337-6253
Boyce	Jen	NOAA	(562) 243-4696
Boyd	Shawn	Ca OES	(916) 201-7686
Boyd	Bill	Ventura Co OES	(805) 216-9009
Bradley	Jim	OSPR	(916) 292-2610
Brady	Bryce	Ca Volunteers	(818) 414-3889
Braund	Trevor	Clean Seas	(954) 294-5597
Brazen	Mara	Brazer Comm	(415) 305-8877
Bridges	Max	OSPR	(707) 583-3131
Briggs	Erin	Co SB Planning	(805) 568-2047
Broadhurst	Danny	Global Diving	(805) 509-0701
Bronson	Collin	Coast Guard	(562) 879-1141
Broughton	Julie	Stantec	(805) 405-6851
Bruce	Ian	EPA START	(509) 845-5547
Bryant	Wade	C-K Associates	(404) 630-2123

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Buchanan	James	Plains	(661) 437-1459
Burr	Greg	Coast Guard	(202) 494-9091
Bursek	Julie	NOAA	(805) 893-6422
Bullram	Andrew	Pacific Petro	(805) 680-3809
Byrd	Brian	Plains	(601) 467-5266
Byrd	Mary	EPIC	(805) 961-8833
Cabral	Santos	Ca Fish & Wildlife	(949) 289-2928
Caddell	Steven	Plains	(562) 607-7991
Cadenhead	Steve	WOB	(650) 605-6046
Caesar	Jim	UC SB	(805) 450-1437
Caillouet	Josh	CTEH	(985) 637-1220
Calanog	Steve	US EPA	(415) 595-8350
Caliguire	Mike	Patriot Environmental	(510) 965-3891
Canio	Will	Patriot Environmental	(562) 244-5108
Caraway	Katy	Coast Guard	(805) 400-6304
Carbajal	Salud	SB Co Supervisor	
Cardell	Debbie	Plains	(661) 472-0956
Carlton	Jeff	Plains	(925) 765-3275
Carreon	Michel	Coast Guard	(609) 439-3219
Carswell	Lilian	US Fish & Wildlife	(805) 612-0975
Castellanos	Ben	EPA START	(818) 371-5388
Castro	Guy	Plains	(562) 756-2617
Caten	Lisa	Plains	(251) 455-6835
Cazabat	Anthony	CERT	(805) 448-1338
Cazier	Josh	SB Co FD	(805) 896-6333
Chafey	Suzette	CERT	(805) 452-2677
Chang	Lena	US Fish & Wildlife	(818) 389-3156
Chanley	Bob	AECOM	(805) 448-9320
Chastain	Dennis	Ca Fish & Wildlife	(562) 505-8988
Chavez	Andrew	BCM	(805) 316-0087
Chedevry	Bob	OSPR	(707) 416-6038
Chickering	Robert	Adv BioCatalysis	(949) 887-9509
Childs	Carl	NOAA	(206) 856-8815
Christensen	Shelley	Coast Guard	(541) 999-0156
Chuop	Khamly	Stantec	(510) 999-0647
Clark	Heather	Coast Guard	(251) 680-7911
Clute	Cathy	Cathy Clute CSR	(805) 698-8719
Cobb	Heath	CTEH	(870) 918-1266
Cochran	Nick	EPA START	(858) 335-8392
Cohen	Scott	Ca Fish & Wildlife	(805) 207-6312
Collins	Cliff	OMI	(225) 329-8112
Collins	Kory	Ca Fish & Wildlife	(310) 944-8182
Connelly	Mike	Ca Fish & Wildlife	(559) 974-5837

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Connell	Mike	Ca Fish & Wildlife	(805) 331-1857
Connolly	Charles	CTEH	(501) 386-5629
Cooper	Doug	US Fish & Wildlife	(805) 701-5764
Carbo	Christian	Ca Fish & Wildlife	(310) 864-5299
Cork	Don	CERT	(805) 403-0715
Costlow	Jeremy	ISS	(903) 714-6172
Council	Jim	Coast Guard	(954) 649-4192
Couture	Randy	Stantec	(805) 427-4883
Cox	Gery	OSPR	(805) 801-9272
Cox	Nat	Ca State Parks	(805) 320-7521
Craddock	Spike	Patriot Environmental	(805) 680-2050
Crafton	Stephen	SB Co	(805) 453-1088
Craigton	Kent	Patriot Environmental	(562) 310-6969
Crestheld	Lori	SB Co Probation	(805) 882-3663
Crider	Ryan	Plains	(504) 453-9724
Crochet	William	Plains	(281) 536-8172
Crooks	Patrick	Stantec	(805) 637-2742
Crossland	Mark	Ca Fish & Wildlife	(805) 550-2729
Cullen	Thomas	OSPR Administrator	(510) 517-8314
Cummings	Stacy	NOAA	(202) 440-3521
Curtis	Josh	OSPR	(707) 330-4122
Cutts	Brian	Coast Guard	(767) 567-8382
Dalessandro	JD	CTEH	(703) 999-7655
D'Amato	Adam	NRC	(631) 449-8176
Daniel	Travis	Coast Guard	(850) 896-9204
Dann	Jeffrey	Plains	(713) 201-3548
Darg	Teresa	COCC	(805) 757-4096
Dargie	Joe	AECOM	(805) 245-2367
Darst	Cat	US Fish & Wildlife	(805) 607-9937
Davis	Cory	CTEH	(501) 256-7881
Davis	Adam	NOAA	(206) 549-7750
Dayton	Jeff	OSPR	(707) 498-0518
Dean	Chanty	SB Co Public Health	(805) 896-2229
Delgado	Ruben	Patriot Environmental	(562) 244-4408
Dellith	Chris	US Fish & Wildlife	(805) 644-1768
Deppe	Darlene	Ca State Parks	(805) 338-0172
Diamond	Walter	OMI	(504) 236-0085
Dibenedetto	John	US DOE	(805) 681-2240
Dicken	Ian	SB ICT	(805) 315-5250
Dicatrick	George	Plains	(562) 756-2266
Diel	Chris	US Fish & Wildlife	(805) 223-1718
Dillard	John	Weber Shandwick	(917) 501-8165
Dinarte	Rudy	Applied Earthworks	(760) 490-3413

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COMMUNICATIONS LIST
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Dixon	Joann	COCC	(760) 502-2750
Doane-Ailmon	Julie	AECOM	(805) 455-5042
Doiron	Katherine	NOAA	(781) 654-7880
Donohoe	Regina	Ca Fish & Wildlife	(916) 616-0723
Donohue	Keith	Coast Guard	(415) 320-5345
Dorn	Walt	Patriot Environmental	(562) 244-2205
Dorsey	Matt	NOAA	(315) 278-0922
Doss	Ryan	Coast Guard	(305) 542-8127
Dostal	Jamie	Ca Fish & Wildlife	(805) 207-6453
Doly	Ima	OSPR	(916) 215-3858
Douma	Jason	Clean Harbors	(231) 384-5451
Dragojesku	Colleen	US Fish & Wildlife	(949) 378-6513
Dugan	Jenny	OSPR	(805) 455-6165
Dugger	Roy	Applied Earthworks	(805) 757-1742
Dumont	Shana	Stantec	(587) 336-2957
Dunn	Chris	Stantec	(805) 813-0798
Dunphy	Jason	US DOT	(303) 956-1873
Dyer	Michael	SB OEM	(805) 581-5526
Ebel	Sharon	BCM	(805) 895-0002
Edblad	Scott	Stantec	(661) 754-0862
Edelson	David	Coast Guard	(609) 556-5212
Edsinger	Brian	Navy	(805) 844-6324
Eidman	Mike	Plains	(261) 217-3707
Ellerbe	Robin	Coast Guard	(510) 388-0507
Elliott	Bonnie	CERT	(805) 882-7072
Elms	Logan	Stantec	(661) 754-0385
Eminick	Brenda	CERT	(714) 906-5248
Encinas	Liliana	SB Co FD	(805) 284-2045
Engle	John	OSPR	(805) 705-1768
Enos	Woody	SB Co FD	(805) 896-6404
Erlandson	Jon	Historical Dynamics	(511) 285-7346
Esparza	Bea	WCES	(562) 244-1211
Espinosa	Jesica	US Fish & Wildlife	(310) 678-4903
Estabrook	Adam	SB Co FD	(805) 895-9290
Ette	Neal	NOAA	(617) 416-3555
Ewing	Greg	OSPR	(916) 203-6213
Fardig	Thomas	Stantec	(805) 341-2390
Fargas	Dawn	SB Co	(805) 403-0688
Farr	Doreen	SB Co Supervisor	
Faurot-Daniels	Ellen	Ca Fish & Wildlife	(631) 233-0723
Fearon	Anne	SB Co	(805) 835-5718
Fenske	Jacob	CTEM	(501) 584-8239
Ferguson	Kelly	SYCM	(805) 245-6294

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Ferguson	John	NOAA	(605) 341-0422
Ferguson	Jeffrey	NOAA	(301) 351-7798
Ferrari	Dominic	Plains	(562) 756-2538
Filipchuk	Greg	Plains	(403) 852-8707
Finch	Tom	US DOT	(303) 807-7200
Fitzgerald	Tara	EPA START	(650) 784-1633
Flaharty	Terrell	Plains	(504) 214-7657
Fletcher	Chelsea	Ca State Parks	(805) 705-6228
Fletcher	Elizabeth	Plains	(713) 806-5871
Floyd	Nick	CRA	(851) 233-3731
Folkes	Isa	COCC	(805) 506-1227
Ford	Bob	Ca Fish & Wildlife	(916) 506-2863
Fordham	Randy	Plains	(661) 332-9164
Foreman	Peter	CTEH	(501) 258-0582
Foss	Steve	DSPR	(916) 416-8908
Fossum	Drew	Plains	(587) 284-3787
Foto	James	OSPR	(310) 683-3032
Franco	Rudy	CHF	(805) 406-8918
Frangis	Alexis	Ca DPR	(805) 207-9469
Frash	Jason	BRI	(805) 758-8301
Friberg	Christina	Applied Earthworks	(201) 615-2751
Fricke	Mary	Ca Fish & Wildlife	(916) 417-0210
Fridlund	Jeff	Plains	(818) 746-6755
Fula	Luis	US EPA	(562) 913-2838
Fula Jr	Luis	US EPA	(562) 546-9858
Fusilier	Warren	Plains	(713) 201-3011
Gallant	Natasha	OSPR	(916) 716-1665
Gamble	Lynn	Applied Earthworks	(619) 990-3250
Gamblin	Tony	SB Co	(805) 934-6130
Garcia	Janet	COCC	(805) 451-8757
Garcia	Quintan	COCC	(805) 835-2328
Garcia	Henry	ACTI	(661) 979-8877
Garcia	Tawnee	COCC	(805) 606-5839
Garcia	Sau	Ca Fish & Wildlife	(562) 843-2714
Garcia	Paco	CERT	(805) 451-6560
Garcia	Cheyenne	Ca Volunteers	(916) 914-3386
Gardner	Terry	Pacific Petro	(805) 868-9008
Gardner-Cox	Peter	WOB	(206) 914-5131
Garber	Tom	CERT	(805) 689-5438
Gels	Robert	SB Co	(805) 896-4210
Gellerman	Holly	OSPR	(916) 747-0611
Gersoghty	Brandon	WOB	(562) 217-0791
Geyer	Angelique	Coast Guard	(415) 720-4160

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Ghilarducci	Mark	Ca OES	
Chizzoni	Mike	SB Co Counsel	
Giambo	Joseph	CERT	(805) 729-0246
Gibbons	Tom	Pacific Petro	(805) 310-7625
Gibson	Desmond	US DOT	(562) 484-8851
Gibson	Steve	OSPR	(562) 588-2849
Gibson	Chris	Coast Guard	(619) 300-4322
Gicuhi	Nglabi	Plains	(562) 489-6466
Gilliland	Ken	Stantec	(805) 290-0541
Giovannacci	Anthony	SB OEM	(805) 638-6983
Glick	Michael	BRI	(805) 450-6487
Goglia	Michael	Coast Guard	(610) 517-2318
Gold	Jennifer	Ca Fish & Wildlife	(805) 450-8695
Goleman	David	OSPR	(707) 738-1468
Gollhofer	Bryan	Ca Fish & Wildlife	(562) 707-7757
Gonzales	Jo Anne	Plains	(661) 336-7901
Gonzalez	Steve	OSPR	(916) 539-6124
Gooch	George	Plains	(562) 843-3551
Gore	Dean	Plains	(713) 498-5760
Gorham	Bill	Plains	(805) 377-9336
Gorman	Mark	Plains	(713) 725-1193
Gratcofsky	Joe	US DOT	(303) 725-3200
Graves	Matt	WGR	(724) 584-7885
Gray	Jerry	SB Co FD	(805) 967-3956
Green	Jerry	Plains	(432) 638-3172
Green	Amanda	Coast Guard	(562) 472-5352
Greenman	Justin	NOAA	(815) 354-1864
Greer	Matt	Plains	(661) 204-7661
Gregory	Gary	WOB	(714) 642-3496
Gregory	Chris	WOB	(702) 802-1849
Grennan	James	Ca State Parks	(805) 909-1219
Griffin	Eric	SB Co	(603) 359-8287
Grimmasey	Suzanne	SB ADMHS	(805) 886-5403
Grosso	Diana	CDFW	(661) 426-5276
Gudino	Araceli	Plains	(310) 606-0482
Guerreiro	Greg	WOB	(949) 363-3095
Guevara	Pastor	Ca OES	(562) 338-6440
Gustafson	Guphy	OSPR	(916) 743-3837
Gutierrez	Antonio	ISS	(951) 640-8049
Guzman	Jason	Patriot Environmental	(805) 755-3322
Guzzardi	Joe	COEM	(805) 681-5542
Ha	Ruth	Plains	(562) 221-3937
Haffner	Craig	OSPR	(707) 718-6948

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Hagan	Julia	BSSE	(805) 377-3872
Hall	Susan	Stantec	(317) 294-7292
Hamilton	Paul	Ca Fish & Wildlife	(530) 713-1517
Hammond	Skip	Plains	(805) 310-2064
Hampton	Steve	OSPR	(916) 955-0949
Hanson	Renn	NOAA	(206) 949-8025
Hanson	Kyle	Ocean Seas	(805) 455-5502
Hart-Bishop	Rusty	US EPA	(415) 972-3140
Hartig	Rich	Plains	(562) 453-6926
Harz	Erik	AECOM	(805) 729-2679
Haslam	Lee	Plains	(903) 918-4360
Haslauer	Leeann	Applied Earthworks	(805) 695-2947
Hastings	Sean	NOAA	(805) 705-1790
Haug	Tom	WOB	(562) 217-3511
Hawley	Georganna	Applied Earthworks	(805) 760-3175
Headrick	Tyler	SB OEM	(917) 723-3441
Heckman	Rob	SB Co FD	(805) 681-5501
Heddinges	Holly	Coast Guard	(707) 267-5576
Henderson	John	US Fish & Wildlife	(916) 799-0586
Henkel	Laird	OSPR	(831) 212-7665
Henning	Kirk	Stantec	(805) 995-4050
Henry	Stephen	US Fish & Wildlife	(805) 701-5744
Henson	Chris	SB Co	(805) 568-2197
Herman	Stephanie	OSPR	(530) 979-8099
Hernandez	Juan	Coast Guard	(310) 592-3671
Hernandez	Claudio	SB Co FD	(805) 896-6339
Hicks	Eric	Stantec	(619) 246-0951
Higgins	Damian	US Fish & Wildlife	(916) 943-8529
Hiltz	Jim	Coast Guard	(734) 634-7690
Hjelstrom	Eric	Ca DPR	(805) 331-2740
Hochleitner	John	Pacific Petro	(805) 260-5000
Hodgins	Patrick	Plains	(281) 467-3658
Hoffman	Michaela	Padre	(949) 632-1042
Holland	Lora	Coast Guard	(409) 527-2022
Holland	John	Ca. Fish & Wildlife	(916) 956-0944
Holmes	John	ACTI	(310) 734-9125
Holmes	Capt. John	ACTI	(310) 347-6350
Holt	Jesse	Plains	(916) 521-9421
Hooper	Michael	LA OEM	(213) 792-4237
Hoover	Kelly	SB SD	(805) 636-3478
Hoppa	Kristin	Applied Earthworks	(310) 266-0295
Hopper	Deborah	CERT	(805) 735-1560
Horn	Michael	OSPR	(760) 964-2312

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Hosking	Scott	SB Co	(805) 896-2902
Houck	Brad	Patriot Environmental	(805) 234-3523
Houston	Ken	Global Security	(405) 250-1882
Hubbard	David	UC SB	(805) 698-1119
Huber	Brian	Ca Fish & Wildlife	(805) 881-0843
Hudson	Jennifer	OSPR	(916) 548-2683
Huston	Kelly	Ca OES	(916) 607-7657
Hutchinson	Dan	AECOM	(805) 431-1228
Huyett	JB	NOAA	(410) 940-9933
Ikemoto	Jennifer	Ca Fish & Wildlife	(916) 201-8010
Ikerd	Ike	Clean Seas	(805) 455-5500
Imai	Randy	OSPR	(916) 826-5271
Ingrammets	Matt	Stantec	(805) 701-0245
Isha	Luhui	Wehtoya	(805) 729-7692
Isalva	Bill	Flamesniffer	(805) 418-7979
Ives	Genelle	SB Co	(949) 677-4129
Jacobs	Todd	NOAA	(805) 455-1981
Jacoby	James	Plains	(562) 305-2406
Janine	Sean	Coast Guard	(860) 961-9326
Janousek	Matt	Plains	(805) 320-4582
Jacqua	Allison	Applied Earthworks	(805) 280-5560
Jacques	Deborah	CDFW	(503) 298-0599
Jallison	Kyle	WOB	(954) 216-4935
Jennings	Kathleen	OSPR	(707) 372-0103
Jernigan	Kathleen	Applied Earthworks	(559) 392-5840
Joab	Bruce	Ca Fish & Wildlife	(916) 826-0168
Johnson	Jeff	Stantec	(630) 991-0211
Johnson	Seth	Coast Guard	(646) 417-0335
Johnson	Amanda	Ca Fish & Wildlife	(916) 539-8040
Johnson	Cathy	US Fish & Wildlife	(916) 622-3163
Johnson	Curt	WOB	(774) 238-2660
Johnson	Gabriela	CERT	(562) 296-7533
Johnson	Ashley	Coast Guard	(906) 373-9499
Johnson	Cordell	USGS	(530) 506-3959
Johnson	Stephanie	US Fish & Wildlife	(310) 743-5849
Johnston	Jason	SB Co Public Health	(805) 315-5805
Johnston	Stewart	SB Co CEO	(805) 680-7637
Jolly	Danica	Coast Guard	(575) 581-0080
Jones	Steve	Special Tech Lab	(805) 403-5603
Jones	Kevin	SB Co FD	(805) 717-2332
Jude	Jason	Pace Analytical	(916) 591-9177
Jung	Mike	Arcadis	(626) 658-1104
Kaplan	Steven	Plains	(261) 460-6744

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Kaplan	Erin		(713) 398-4767
Katchmar	Peter	US DOT	(303) 807-8458
Kellar	Nick	NOAA	(760) 402-6444
Kelly	Tami	Plains	(926) 640-9997
Kelly	Sean	Ca Fish & Wildlife	(707) 322-2176
Kennedy	Kirsten	Plains	(802) 993-5264
Kennedy	Douglas	Plains	(713) 376-5375
Ken	Jim	Stantec	(303) 807-4702
Kiatos	Jim	OSPR	(562) 343-8363
Kidd	Daija	COCC	(805) 325-3837
Kidd	Cheston	COCC	(805) 617-6872
Kimura	Scott	OSPR	(805) 550-1449
King	Erik	Coast Guard	(607) 341-3331
Kippes	Lanny	Plains	(562) 221-4510
Kirchner	Michael	Ca Fish & Wildlife	(831) 901-6369
Kirkwood	Neil	SB Co	(805) 331-3836
Kivenson	Veronika	UC SB	(646) 385-3626
Klab	Jennifer	Stantec	(805) 704-8036
Klein-Rothschild	Susan	SB Co	(805) 896-1057
Klethermes	Derek	CTEH	(573) 673-3183
Kluge	Christine	OSPR	(916) 445-9326
Koenig	Rob	Plains	(281) 814-7627
Kong	Corey	Ca Fish & Wildlife	(562) 477-7061
Kontos	Michael	Plains	(713) 663-9784
Kossoff	George	SB Co	(805) 896-2224
Kowalczyk	Alexa	NOAA	(858) 761-7424
Kuhlman	Chris	CTEH	(501) 247-3871
Kushnerov	Valerie	City of Goleta	(805) 689-8044
LaDuke	Yvette	Ca OES	(714) 330-1026
Liublin	Eric	Plains	(661) 910-4014
LaMoria	Brian	Coast Guard	(443) 834-6302
Lankenau	Doug	OSPR	(415) 710-0243
Lankford	Jeff	NOAA	(206) 799-1671
Lapiers	Spencer	UP RR	(714) 321-5413
Larson	Terry	US DOT	(303) 513-7026
Larson	Dane	SB Co	(805) 680-5444
Lavagnino	Steve	SB Co Supervisor	
Lavin-Jones	Joy	OSPR	(916) 616-0355
Lawrence	Kyle	CTEH	(501) 366-2698
Leason	Sharron	Ca Volunteers	(916) 834-0846
Leaver	Robert	SB Cu 11	(805) 636-3715
Leavitt	Andrew	Arcadis	(401) 829-6628
Lebow	Clayton	Applied Earthworks	(805) 895-2956

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Ledig	David	BLM	(831) 630-5006
Leggett	Jeremy	Coast Guard	(415) 419-1256
Leggett	Chris	IEC	(603) 892-1064
Lehr	Kathryn	AECOM	(805) 366-2747
Leifer	Ira	BRI	(805) 252-3636
Leighton	Jennifer	Padre	(805) 644-2220
Lemkau	Karin	UC SB	(937) 681-0315
Lent	Hannah	SYCM	(805) 944-0421
Lenf	Dan	OSPR	(510) 220-4192
Leone	Brad	Plains	(281) 806-9911
Letter	Chris	Padre	(847) 656-6654
Liberto	Stacy	SB Co	(805) 451-8468
Lipton	Scott	OSPR	(916) 798-5067
Little	Annie	US Fish & Wildlife	(760) 522-2567
Litzinger	James	Coast Guard	(843) 822-1491
Lloyd	Jay	Applied Earthworks	(559) 287-2137
Long	Lloyd	CTEH	(501) 258-7139
Lopez	Barbara	BCM	(805) 689-9528
Lopez	Mary	BCM	(805) 453-7355
Lorenson	Tom	USGS	(650) 642-5627
Loyst	Dennis	City of Goleta	(805) 962-0763
Loza	Arturo	Plains	(701) 440-1643
Luleyan	Jerry	SB Co DA	(805) 709-2631
Lumpkin	Mike	CTEH	(501) 366-8304
Luzader	John	Coast Guard	(805) 455-1754
Lyons	David	Ca Fish & Wildlife	(562) 666-5039
MacArthur	Jon	WOB	(623) 229-8875
MacFadyen	Amoreena	NOAA	(206) 849-9953
Machado	Raymundo	Patriot Environmental	(310) 567-5655
Mack	Becky	OSPR	(916) 216-1303
Mackey	Jerry	Plains	(918) 285-0416
Macon	Rhianna	Coast Guard	(415) 722-1749
Mahoney	Lourdes	CTEH	(813) 391-4657
Majel	Lucia	COCC	(951) 514-9789
Majel	Jolene	COCC	(951) 520-6948
Majel	Al	COCC	(951) 834-3659
Maldonado	Danny	CTEH	(281) 900-9712
Malone	Jacob	BCM	(805) 689-6884
Marcoux	Tom	Coast Guard	(562) 453-6117
Marek	Jenny	US Fish & Wildlife	(805) 402-6612
Marn	Carolyn	US Fish & Wildlife	(916) 798-7959
Marshall	Kathleen	SYCM	(805) 245-0742
Martinez	Jacqueline	Ca DES	(714) 520-1833

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Martins	Pedro	WOB	
Marvin	Karen	Plains	(562) 756-2575
Mason	Mark	Stantec	(805) 341-1492
Mali	Wanya	Wishtoyo	(805) 794-1248
Matthews	Meredith	Plains	(281) 217-0042
Mayberry	Robert	Ca OES	(916) 201-3739
McAninch	Dustin	Coast Guard	(310) 935-8729
McCarthy	Whitney	SB Co	(805) 568-2659
McCarthy	Glenn	West Coast Enviro	(714) 234-0999
McCaw	Paul	SB EHS	(805) 896-8344
McClellan	Sheridan	Coast Guard	(860) 326-4334
McCleneghan	Kim	OSPR	(916) 956-6603
McClure	Mark	LK Mizota & Assoc	(805) 452-2405
McClure	Bill	Global Security	(405) 850-2898
McGlinchey	Yolanda	SB City	(805) 331-2414
Mcgowan	Kevin	Ventura Co OES	(805) 797-6450
McKenna	Cameron	Flamesniffer	(805) 418-7979
McKinney	Tyson	Ca DOGGR	(805) 440-7280
McLane	Tom	Plains	(832) 584-3314
McMichael	Rick	Plains	(713) 254-5385
McMoran	Robert	US Fish & Wildlife	(951) 532-5904
McVay	Brad	SB Co Sheriff	(805) 617-5735
Mears	Glen	Plains	(661) 204-8749
Meer	Dan	US EPA	(415) 971-6792
Mello	Joe	Ca Fish & Wildlife	(209) 595-5504
Mendoza	Andrew	SYCM	(805) 451-0513
Mendoza	Nannette	COCC	(805) 325-1947
Merrick	Dustin	Applied Earthworks	(805) 458-8714
Messer	Ishmael	Ca OES	(805) 358-1123
Michel	Jacqueline	NOAA	(803) 513-5650
Mikes	Tina	OMI	(832) 347-0071
Milbury	Jim	NOAA	(310) 245-7114
Millard	Hollis	C-K Associates	(281) 684-3433
Miller	Pat	SB Co	(619) 203-3008
Millner	Christine	CTEH	(501) 258-0915
Milton	Brian	EPA START	(510) 332-4439
Miranda	Belinda	SYCM	(805) 325-1321
Mitchell	Fred	Ponder	(707) 301-1823
Miyasato	Mona	SB Co CEO	
Mizota	Louise	LK Mizota & Assoc	(805) 252-6427
Mizuba	Michelle	CERT	(310) 429-8524
Mobley	Chris	NOAA	(805) 259-6540
Modugno	Andrew	Stantec	(805) 422-1450

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Moe	Sean	Ca Fish & Wildlife	(619) 322-3989
Mogharrabi	Natali	US EPA	(212) 514-4361
Mohos	Joseph	NRDA	(818) 601-3024
Monahan	Eileen	SB Co	(805) 451-8720
Mounsey	Dan	OSHA	(925) 202-7485
Moore	Andrea	OSPR	
Moore	Kelly	SB Co Sheriff	(805) 689-9629
Morello	Paul	BCM	(805) 743-1805
Morello	Eddie	BCM	(805) 291-2342
Morello	Patricia	BCM	(805) 617-9891
Morello	Nikki	BCM	(805) 734-7926
Morello Jr.	Eddie	BCM	(805) 291-1263
Morey	Mark	US DOE	(805) 698-5244
Morris	Brett	Ca State AG	(510) 725-2052
Morrissette	Eric	US Fish & Wildlife	(760) 271-5443
Mosley	Dave	Patriot Environmental	(661) 340-7177
Mostellar	Sally	CTEH	(805) 451-0045
Moynard	Patrick	VCOS	(805) 797-3623
Muftah	Osama	SB Co	(805) 568-2543
Munro	Ann	Applied Earthworks	(805) 451-5825
Munoz Pena	Joel	OC&C	(562) 824-6151
Murphy	Don	WOB	(516) 996-7348
Murphy	Cindy	OSPR	(916) 616-4515
Murray	Matt	SB Co	(805) 452-3802
Muzikat	Judd	OSPR	(916) 216-1301
Myers	Douglas	Plains	(917) 750-1464
Myers	Christopher	EPA START	(720) 837-0690
Navarro	Ray	SB Co FD	(805) 896-6403
Navarro	James	SYCM	(805) 636-4949
Navarro	Christina	Applied Earthworks	(661) 487-7277
Nelson	Jack	ACTI	(714) 869-4534
Nepote	John-Paul	Plains	(925) 765-3177
Newcomb	Michelle	Applied Earthworks	(805) 757-9820
Newkirk	Andy	City of Goleta	(803) 969-1482
Nouyen	Chinh	Plains	(832) 387-8770
Nouyen	Phillip	US DOT	(909) 615-0792
Nouyen	Nghia	Ca Volunteers	(916) 254-9884
Nicchitta	Andrew	Padre	(626) 818-2421
Nichols	Keith	C-K Associates	(225) 252-6526
Nisich	Terr	SB Co	(805) 450-8296
Nocerino	Eric	Applied Earthworks	(720) 883-6507
Nocker	Nicolas	SB Co	(805) 637-1970
Norris	Anastasia	OSPR	(310) 310-9917

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Norm	Wyn	OMI	(281) 795-5767
Norbaum	Mike	WOB	(707) 501-6892
Oaks	Steve	SB Co FD	(805) 451-6801
O'Gorman	Mary	SB Co Supervisor	(805) 588-2181
O'Grady	Shawn	SB Co Sheriff	(805) 331-8442
O'Leary	Tim	WOB	(281) 352-7740
Olmstead	Brian	SB Co Sheriff	(805) 452-7756
Olmstead	Chris	SB Co FD	(805) 896-6341
Olson	Mark	Plains	(281) 435-4957
Orr	Howard	SB Co FD	(805) 794-5102
Orr	Jason	SB Co FD	(661) 305-2630
Ortega	Marco	Ca State Parks	(805) 331-4144
Osborne	Bob	Plains	(651) 979-7003
Osterlund	Steve	WCR	(310) 628-1096
Ostrowski	Henry	NOAA	(805) 387-0805
Palmer	Darren	Plains	(661) 978-4915
Panasiuk	James	CTEH	(501) 952-3972
Pantoja	Mark	EPA START	(415) 238-7763
Parker	Jim	ISS	(903) 520-8773
Parker	Kelly	Coast Guard	(907) 654-4112
Pascualquar	David	Ponder	(707) 303-4328
Patterson	Donald	SB OEM	(805) 698-1181
Pavel	Kai	Stantec	(805) 648-1489
Pavison	Kevin	Clean Harbors	(310) 413-1829
Peak	Jessica	SB Co	(805) 234-2337
Pelato	Nelson	CHF	(805) 693-9320
Peljhan	Marko	BRI	(805) 705-1385
Peltier	Guy	Plains	(281) 217-0012
Perez	Rick	COCC	(805) 207-7182
Perez	Peuypoko	COCC	(805) 231-0229
Perez	Vince	Coast Guard	(843) 209-0046
Perriz Jr.	Rick	COCC	(805) 444-9354
Permut	Melissa	Veg-land Inc	(714) 358-0571
Peterson	Robert	Applied Earthworks	(805) 588-2364
Philips	Jeff	US Fish & Wildlife	(415) 652-6502
Pina	Marushka	WOB	
Plastino	Rob	SB Co Sheriff	(805) 896-2394
Plaza	Matt	Ca Fish & Wildlife	(831) 601-3604
Poch	Ben	ISS	(318) 218-6888
Poley	Jason	SB Co	(805) 896-1534
Polas	Marguerite	SB City	(805) 689-8985
Ponder	Jim	Ponder	(707) 333-6260
Pope	Allison	Coast Guard	(785) 786-1098

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Posekian	Keith	Stantec	(805) 338-5650
Potstaba	Sandi	OSPR	(916) 202-6478
Poulter	Simon	Stantec	(805) 701-1581
Price	Dave	Ca Fish & Wildlife	(707) 322-6681
Pritchett	Daniel	SB Co FD	(805) 680-7512
Pryor	Rachel	NOAA	(206) 379-2454
Puckett	Tony	Plains	(713) 306-3298
Putih	Zubir	CERT	(818) 618-6818
Quartermann	Vosssey	Worley	(985) 237-9277
Quinones	Joseph	BCM	(805) 259-8926
Quinones	Ray	BCM	(805) 667-9666
Quinones	Melinda	BCM	(702) 485-7073
Race	Steve	Plains	(818) 400-9902
Race	Mike	Plains	(818) 631-8094
Radcliff	Keith	ISS	(903) 721-5030
Randall	Kathy	Plains	(805) 657-6764
Rangel	Alonzo	COCC	(805) 861-3373
Rasmussen	Jan	SB Co Exec Office	(707) 342-0937
Reczreczek	Yavonne	BCFS	(210) 749-8062
Reese	Michael	NRC	(516) 982-5752
Reilly	David	NOAA	(562) 254-1055
Reitnerman	Bruce	SB Co Energy	(805) 959-4680
Rendon	Ruben	Plains	(562) 843-3560
Rendon	Jason	Coast Guard	(808) 628-0062
Retalack	Alexia	OSPR	(916) 952-3317
Reyes	Adam	OSPR	(916) 889-5116
Reyes	Jason	Aerotek	(310) 663-3775
Reyes-Martin	Luz	City of Goleta	(714) 501-7158
Rhodes	Dale	CTEH	(360) 595-7718
Riedel	Jim	NRC	(206) 550-0648
Rivera	Marvin	COCC	(805) 588-5381
Rivera	Julia	Plains	(713) 449-1538
Rivera	Josh	COCC	(805) 588-5299
Roberts	StephAnn	Stantec	(805) 427-4873
Roberts	Mia	OSPR	(601) 361-6256
Robinson	Tiana	Stantec	(519) 505-3438
Robles	Armando	Plains	(713) 378-6290
Rockabrand	Ryan	SB OEM	(805) 330-5080
Rodriguez	J. Rudy	Plains	(562) 833-6684
Rodriguez	Sal	Plains	(925) 349-8269
Rogers	Richard	Ca Fish & Game Comm	(805) 455-2944
Rogov	Michelle	US EPA	(415) 595-8347
Romero	Armando	Applied Earthworks	(805) 680-6949

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Romero	Nicole	SYCM	(805) 451-7939
Romero	Gilbert	CHF	(805) 325-3043
Romero	Freddie	SYCM	(805) 688-7997
Romero	Anna	SYCM	(805) 717-0511
Rommel	Brian	Plains	(532) 248-8771
Romo	Ben	SB Co	(805) 680-7623
Root	Roger	US Fish & Wildlife	(805) 701-5754
Root	Mary	US Fish & Wildlife	(805) 646-4748
Rosenberg	Dennis	Ca Fish & Wildlife	(805) 814-4183
Rubio	Helen	SYCM	(760) 484-0392
Rubio	Orin	SYCM	(559) 920-5942
Ruder	Mark	Plains	(661) 910-4105
Rudley	Mike	Patriot Environmental	(562) 244-2270
Rugaard	Karen	Plains	(281) 216-8347
Ruiz	Esther	COCC	(805) 965-8983
Ruiz	John	COCC	(805) 965-8983
Russell	Evan	Coast Guard	(251) 635-2235
Ryman	Dana	CTEH	(409) 692-0387
Saavedra	Ashley	Plains	(510) 260-9092
Saba	Noor	Stantec	(661) 578-3779
Sanchez	Carlos	NRC	(510) 915-4052
Sandoval	Samantha	BCM	(916) 678-2022
Sanford	Gary	Plains	(713) 534-7150
Santacana	Cesar	Coast Guard	(805) 896-6768
Sanford	Malinda	OSPR	(562) 439-9699
Santoyo	Cele	SB Co	(805) 896-2918
Santy	Jenna	Applied Earthworks	(858) 774-6956
Sawant	Anuya	Stantec	(805) 341-9514
Scherer	Nora	Stantec	(651) 491-1565
Scherz	Andrew	CTEH	(601) 258-7077
Schmid	Michael	SB Co	(805) 216-4812
Schommer	Mike	OSPR	(707) 416-1141
Schooler	Nick	OSPR	(805) 570-4850
Schroeder	Richard	SB Co FD	(805) 689-5288
Schulte	Todd	Plains	(307) 797-3379
Schwarz	Shawn	Plains	(662) 519-9894
Schnika	Danielle	Plains	(281) 513-1787
Scouten	Jennifer	CERT	(804) 944-2128
Scranton	Tom	Patriot Environmental	(702) 501-7020
Scranton	Alex	Patriot Environmental	(818) 442-2890
Seay	Stephanie	Padre	(805) 674-7588
Selby	Chase	CTEH	(501) 515-2774
Senner	Bill	Plains	(562) 221-0211

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Servidio	Joe	Coast Guard	
Settle	Ashley	Plains	(904) 629-0805
Shackamyan	Amy	UC SB	(805) 448-2189
Shafer	Allen	Plains	(307) 259-1289
Sharber	Dustin	Stantec	(949) 351-0800
Sharber	Dakota	Stantec	(714) 717-4828
Sheaff	Jessica	SB Co	(805) 406-0116
Shestag	Carol	Stantec	(805) 509-0377
Shiraishi	David	OSHA	(510) 410-9414
Shive	Brian	Plains	(832) 341-4718
Shorr	Ben	NOAA	(206) 280-5339
Shuman	Craig	Ca Fish & Wildlife	(916) 215-9694
Siegmund	Karl	Coast Guard	(909) 477-7652
Siermann	Taylor	Patriot Environmental	(805) 679-3297
Simmons	David	US Fish & Wildlife	(805) 665-8029
Simmons	Matt	Clean Seas	(954) 232-2968
Sironen	Heather	OSPR	(916) 730-9992
Skelton	Scott	CTEH	(501) 952-9621
Slayman	Jennifer	SB Co	(805) 680-3507
Sleeger	Preston	WOB	(503) 688-3158
Smith	Phil	Plains	(713) 851-1765
Smith	James	Coast Guard	(251) 644-1785
Smith	Stacie	NOAA	(805) 570-5166
Smith	Larry	Ship Services	(805) 233-0875
Smith	Nicki	OSPR	(916) 649-0518
Smith	Matt	SB Co	(805) 346-7398
Sobieski	Dan	WOB	(714) 342-6358
Soduska	Jaime	SB Co	(805) 705-1341
Spratt	Ashley	US Fish & Wildlife	(573) 356-5593
Springer	Damien	WGRSW	(818) 524-0424
Sprutin	Sharon	Plains	(281) 455-2084
Stackhouse	Mike	Plains	(281) 654-7985
Standley	William	US Fish & Wildlife	(805) 644-1766
Stanley	Lindsey	Ca OES	(805) 452-0070
Stanton	Beckye	CA Fish & Wildlife	(916) 215-6299
Stewart	Joe	OSPR	(916) 205-8661
Stewart	Loumania	Coast Guard	(801) 603-6980
Stoddard	Matt	SB Co FD	(805) 268-2901
Stornetta	Anthony	SB Co FD	(805) 423-6406
Storror	John	SB Co Energy	(805) 689-5982
Stroul	Jordan	NOAA	(206) 321-3320
Struck	Zach	Coast Guard	(808) 432-1600
Strong	Bob	CERT	(805) 705-5763

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Stroud	Fred	US EPA	(702) 682-3272
Struble	George	Ca Fish & Wildlife	(818) 968-1087
Stultz	Dale	OSPR	(530) 768-4767
Su	Wendy	US EPA	(415) 947-4554
Sugarman	Susan	Ca Fish & Wildlife	(916) 215-8284
Sullivan	Laurie	NOAA	(707) 320-7232
Summerfield	Scott	SB Co	(510) 714-4470
Swartz	Sam	COCC	(805) 806-0348
Syre	Chris	Ca Fish & Wildlife	(562) 522-2950
Tai	Suu-Va	Ca Volunteers	(414) 425-1514
Tapawan	Lexter	NOAA	(206) 934-0357
Taylor	Rick	Plains	(562) 577-7007
Taylor	Rob	Plains	(918) 285-1170
Taylor	Sharon	Ponder	(707) 718-6580
Tejada	Barbara	CSP	(661) 435-3372
Thixton	Chris	Ca Fish & Wildlife	(562) 233-7095
Thom	Bryan	NOAA	(410) 937-7403
Thomas	George	Stantec	(805) 270-4885
Thompson	Eric	NOAA	(805) 910-9707
Thornton	Carl	SB Co	(805) 207-3853
Todd	Ryan	Ca Fish & Wildlife	(916) 698-0036
Toney	Jeff	Ca OES	(562) 810-8419
Toney	Joe	SB Co Exec Office	(509) 251-8393
Topliffe	Carrie	SB Co	(805) 570-8970
Torres	Sonia	OSPR	(562) 370-6794
Touth	Jane	US Dept Interior	(805) 320-3170
Trego	Marisa	NOAA	(650) 888-8609
Trevino	Linda	BCM	(805) 264-0542
Trevino	Angel	BCM	(805) 319-6228
Troy	Bob	SB OEM	(805) 883-8036
Tryon	Thea	CCWB	(805) 542-4776
Turner	Adam	Plains	(661) 910-8729
Turner	Keith	Plains	(562) 216-3281
Unzueta	Clint	SYCM	(805) 350-8996
Unzueta	Gil	Applied Earthworks	(805) 807-7179
Unzueta	Chns	SYCM	(805) 325-3207
Uslan	Jeff	Flamesniffer	(805) 498-3568
Valentine	David	UC SB	(805) 729-5431
Valenzuela	Troy	Plains	(713) 444-6984
Valenzuela	Noe	OC&C	(562) 234-6584
Vassallo	Amy	Coast Guard	(949) 510-7857
Velazquez	Brandon	Coast Guard	(954) 803-2411
Velez	Loryann	BCM	(805) 252-1612

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Venkat	Manjunath	Stantec	(805) 358-9479
Verchers	Josh	WOB	(979) 665-6355
Victoria	Jon	Ca Fish & Wildlife	(310) 413-6533
Viezbicke	Justin	NOAA	(562) 506-4315
Viola	Sloane	OSPR	(415) 497-1950
Vollbrecht	Kevin	NOAA	(818) 929-5416
Voss	James	NRVP	(909) 648-6313
Vreeland	Mary	GTEH	(310) 944-1914
Wada	Takashi	SB Co Health Dept	(805) 319-0474
Wageneck	Loel	SB Co	(805) 636-9204
Wagner	Nancy	Ca Fish & Wildlife	(831) 419-1450
Waldon	Maggie	US EPA	(415) 940-1109
Walters	Kris	NOAA	(805) 791-7878
Watkinson	Anastasia	WOB	(985) 956-1300
Watson	Kyle	Global Diving	(206) 963-8138
Weaver	Bryan	SB Co FD	(805) 896-6338
Weaver	Jennifer	NOAA	(386) 341-6917
Weaver	Charles	Clean Harbors	(231) 384-1347
Weber	Michael	Stantec	(805) 477-8580
Weigand	Jim	USDI BLM	(916) 716-4809
Weighell	Jim	COCC	(805) 291-7064
Welch	Billy	Plains	(432) 413-9391
Wells	Anne	City of Goleta	(805) 637-4397
Welsh	Michael	NOAA	(303) 717-2866
Westervelt	Jeff	OSPR	(916) 212-1367
White	Chris	ISS	(903) 721-9681
White	Greg	OSPR	(805) 458-1879
White	Cassandra	OSPR	(916) 508-2641
White	Jennifer	NOAA	(985) 634-9912
Whitbear	Sean	COCC	(805) 472-2489
Whillock	Janet	US Fish & Wildlife	(916) 789-3918
Wickes	Brian	Stantec	(415) 233-0326
Wiggins	Chris	NOAA	(404) 392-6710
Wilkin	Sarah	NOAA	(240) 429-9161
Wilkin	Chris	Flamesniffer	(805) 418-7979
Williams	Jennifer	Coast Guard	(562) 355-3572
Williams	Vincent	Coast Guard	(757) 567-8636
Williams	Darren	ACTI	(661) 747-6444
Wilson	Allison	Plains	(213) 925-9633
Wilson	Ken	OSPR	(805) 558-1006
Wolf	Janel	SB Co Supervisor	(805) 568-2191
Wolff	Jean-Pierre	CCWB	(805) 234-7196
Wong	Howard	LA FD Inv	(213) 725-6313

1. Incident Name
Refugio Incident

2. Operational Period (Date/Time)
As of: 0531 1400 hrs

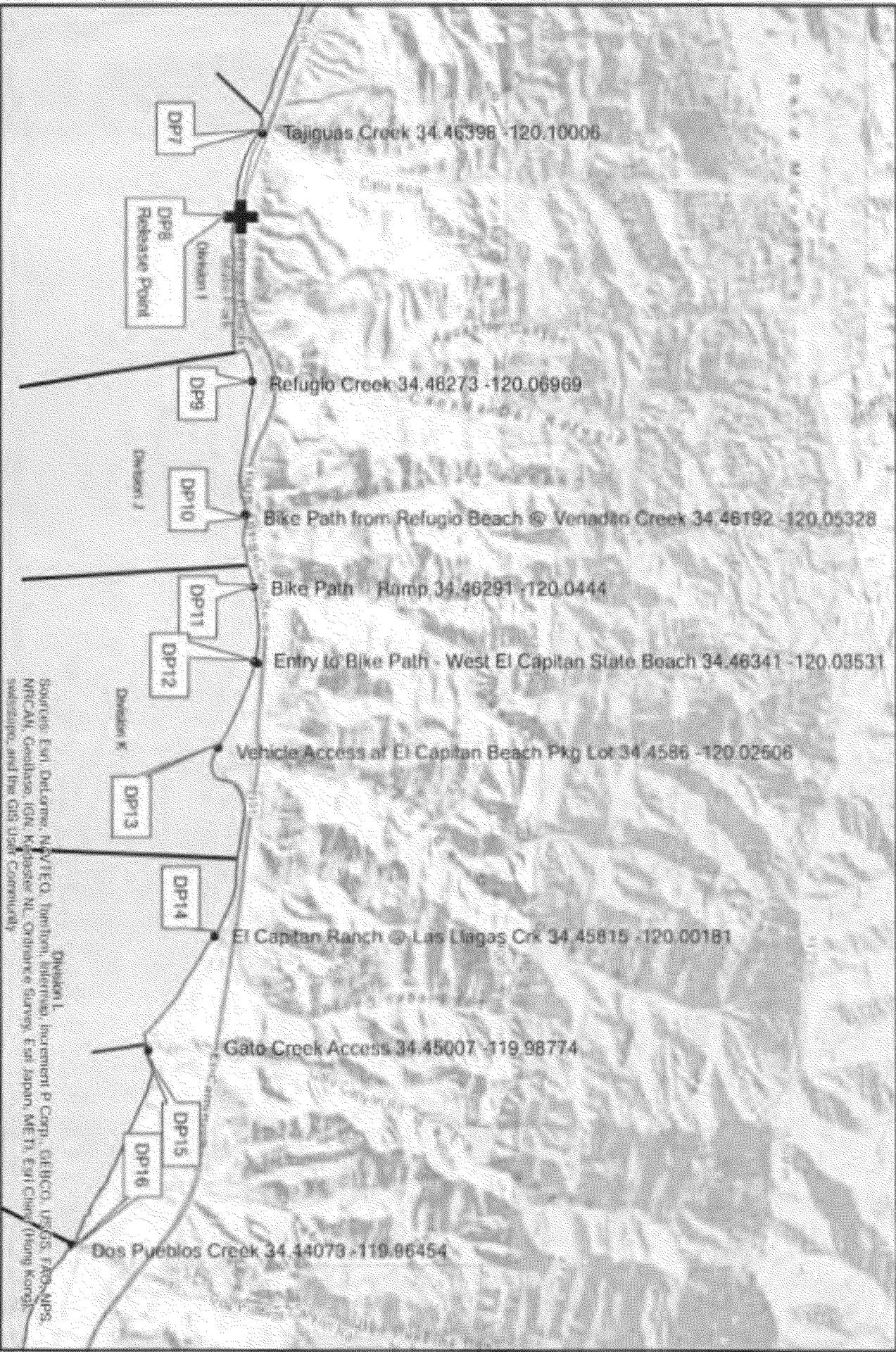
COMMUNICATIONS LIST
ICS 205A-CG

Woods	Ron	Clean Harbors	(831) 251-5107
Workman	Darin	WDB	(985) 201-4339
Wright	Johnny	Plains	(432) 638-6363
Wright	Rob	SB Co Sheriff	(805) 896-5371
Wrobel	Mark	Clean Seas	(310) 613-2568
Yee	James	BCM	(805) 968-1606
Young	Rebecca	NOAA	(805) 893-6420
Young	Matt	Co SB Planning	(805) 568-2513
Yukihiro	Richard	Patriot Environmental	(662) 244-2764
Zamora	Michael	OSPR	(916) 271-6439
Zarie	Jeff	Stantec	(805) 340-5768
Zavalla	Takita	SYCM	(805) 245-5271
Zavalla	Tami	SYCM	(805) 861-4113
Zavalla	Chasne	SYCM	(805) 325-5400
Zavalla	Nakia	SYCM	(805) 245-0710
Zavalla	Joe	CHF	(805) 245-2542
Zavalla	Tony	COCC	(805) 448-6839
Zavodaver	Gil	Ventura Co Sheriff	(805) 947-8054
Zellmer	Mark	Stantec	(714) 742-9131
Ziccardi	Mike	OWCN	(530) 979-7561
Zonana	David	Ca State AG	(510) 417-7258
Zuhuate	Selena	BCM	(805) 743-1805
Zuroski	Donn	US EPA	(415) 971-6829
Zuroski	Ray	US EPA	(650) 303-3339

1. Incident Name: Refugio Location: Refugio Staging		2. Operational Period 10 (Date / Time) From: 05/20/2015 0800 To: 05/21/2015 2000		MEDICAL PLAN ICS 206-CG	
3. Medical Aid Stations					
Name	Location	Contact #	Transport Availability		
American Medical Response Paramedic/EMT team	Refugio Staging 193 Refugio Road Goleta, CA 93117	William Green 805-260-2980	Yes		
Santa Barbara County Fire Rescue	Incident Command Center	805-896-6333	No		
Medical Station/Feld Nurse	Refugio Staging 193 Refugio Road Goleta, CA 93117	805-451-0971	No		
4. Transportation					
Ambulance Service	Address	Contact #	Care Capability		
American Medical Response	242 East Hwy 242 Buellton, CA 93117	805-245-3424 Need Medic Phone	Paramedic/EMT team		
CALSTAR 7 (air medical transport team)	3090 Mitchel Road Santa Monica, CA 93455	805-500-9030	Advanced Practice 2 Nurse team		
Santa Barbara County Air Support (air medical transport team with hoist capabilities)	906 Airport Road Santa Ynez, CA 93460	805-692-5723	2 Paramedic team		
Santa Barbara County Fire Rescue, and dispatch center	4408 Cathedral Oaks Road Santa Barbara	805-692-5723	Paramedic		
5. Hospitals					
Hospital Name	Address	Contact #	Travel Time	Burn Center	Heliport
Gaviota Valley Cottage Hospital	351 South Patterson Ave, Santa Barbara, CA 93111	805-967-3411	N/A	20 min	No
Grosvenor Burn Center	7300 Medical Center Drive West Hills CA	818-676-4177	20 min	1.25 hours	Yes Yes
Santa Barbara Cottage Hospital	400 West Pueblo Street Santa Barbara, CA 93103	805-682-7111	8 min	27 min	No Yes
6. Special Medical Emergency Procedures					
<ol style="list-style-type: none"> Life threatening emergencies call 911, give location where emergency is, notify direct supervisor ASAP. Non-life/threatening illness or injury: notify direct supervisor and follow "medical reporting procedures" and render first aid; call Medical Field Nurse for further direction or treatment 805-451-0971. If an ambulance is requested to transport an illness or injury in the field, have them report to nearest drop point location indicated on the attached map and send a designee to the road to pulse medical services to emergency location. All bruises and injuries will be reported on Incident Reviewing Line 805-451-1014. 					
Essential reporting information for EMS provider					
<ol style="list-style-type: none"> Nature of injury Location of patient and point of contact Point of contact Age and gender of patient 					
7. Prepared by: (Medical Unit Leader) Dally Mosteller RN/Josh Cazier EMT		Date/Time 05/20/2015	8. Reviewed by: (Safety Officer) <i>[Signature]</i>		Date/Time 05-21-15
MEDICAL PLAN					
ICS 206-CG (Rev 07/04)					

1. Incident Name: Refugee Location: Ventura Decontamination Group		2. Operational Period (Date / Time) From: 0600 06/01/2015 To: 0600 06/02/2015		MEDICAL PLAN ICS 206-CG		
3. Medical Aid Stations						
Name	Location	Contact #	Paramedics On site (Y/N)			
American Medical Response Paramedic/EMT Team	T and T Truck and Crane 1375 North Olive St. Ventura, CA 93001	805-517-2010	Yes			
4. Transportation						
Ambulance Service	Address	Contact #	Paramedics On board (Y/N)			
American Medical Response	616 Fitch Ave, Moorpark, CA 93021	805-517-2010	Y			
Gold Coast Ambulance	200 Bernoulli Circle, Oxnard, CA 93030	805-279-8180	Y			
5. Hospitals						
Hospital Name	Address	Contact #	Travel Time Air Ground		Burn Care?	Hel- Port?
Ventura County Medical Center (VCMC)	3291 Loma Vista Rd, Ventura, CA 93003	805-482-6000	5min	15/min	No	X
Community Memorial Hospital	147 North Brent St, Ventura, CA 93003	805-482-0101	5min	15/min	No	X
Saint John's	1600 North Rose Ave, Oxnard CA 93030	805-888-2500	5min	15/min	No	X
Grossman Burn Center	7300 Medical Center Drive West Hills, CA	818-676-4177	1/Hr	30/min	Yes	X
U.S. HealthWorks [Occupational Medicine]	1851 North Lombard, Suite 100, Oxnard CA	805-963-7234	N/A	15/min	No	No
6. Special Medical Emergency Procedures						
<ol style="list-style-type: none"> 1. Life threatening emergencies call 911, give location where emergency is located, notify direct supervisor ASAP 2. Non-life/threatening illness or injury, notify direct supervisor and follow "medical reporting procedures" and render first aid call Medical Field Nurse for further direction or treatment 805-451-1014 3. All illnesses and injuries will be reported on Incident Reporting Line 805-451-1014 						
Essential Reporting Information for EMS Providers:						
<ol style="list-style-type: none"> 1. Nature of Injury 2. Location of patient (address or geographic location) and point of contact 3. Age and Gender of patient 						
7. Prepared by: (Medical Unit Leader)		Date/Time 06/31/15	8. Reviewed by (Safety Officer)		Date/Time 6/31/15	

Medical Access Drop Point Locations





California Department of Fish and Wildlife
Office of Spill Prevention and Response

Refugio Incident Overview Map Medical Access

Refugio Creek
Coyote Creek
Tecolote Creek
Del Playa Creek
Ellwood Mesa Creek
Gale Creek
Arroyo Hondo Creek
Carreta de San Onofre Creek
Carreta del Alcatraz & Comerlano Creek
Salinas Creek
Makua Creek
Bike Path from Refugio Beach to Venadito Creek
Bike Path - Rapp
Entry to Bike Path - West El Capitan State Beach
Vehicle Access at El Capitan Beach Pkg Lot
El Capitan Ranch - W. Los Lagos Crk
Gale Creek Access
Dos Puentes Creek
Hague Creek
Arroyo Ellwood Pier
Tecolote Crk at Bacara Resort
Venacio Point at Sea Crk
Ellwood Mesa Access
Doveroux Slough
Del Playa stairs east of Del Playa Park
Del Playa stairs off Camino del Sur
Del Playa stairs @ Camino del Pescadero
Del Playa Stairs off Camino del Mar
Camino Lagoon southwest arm
Camino Lagoon east Arm
UC-32 Stairs to west Lovers Beach
Santa Beach County Park



0
1/4
1/2
3/4
1

100' 200' 300' 400' 500' 600' 700' 800' 900'

WEATHER FORECAST FOR MONDAY 1 JUN 2015

A THOUGH WILL MOVE INTO THE REGION AND LINGER INTO MID WEEK AND THIS WILL RESULT IN ONSHORE FLOW AND AN OVERALL COOLING TREND. AFTER ONE MORE WARM AFTERNOON.. TEMPERATURES WILL DROP TO A FEW DEGREES BELOW SEASONAL NORMALS BY TUESDAY AND WEDNESDAY. LOW CLOUDS AND FOG WILL MOVE ONSHORE OVERNIGHT THEN CLEAR EACH DAY BY MIDDAY. WINDS WILL INCREASE IN THE AFTERNOON AND EVENING HOURS BUT WILL REMAIN BELOW 15 MPH.

MIXED SWELLS ORIGINATING FROM THE SOUTHERN OCEAN AND FROM TROPICAL STORM ANDRES WILL PERSIST INTO MID WEEK THOUGH THE CHANNEL ISLANDS WILL BLOCK THE BULK OF THE SWELLS FROM REACHING THE SPILL AREA. SURF WILL BUILD UP TO 2 TO 3 FEET BY MONDAY AND CONTINUE THROUGH WEDNESDAY.

	Mon 1 Jun	Tue 2 Jun	Wed 3 Jun
Low	0338, -0.4ft	0413, -0.6ft	0451, 0.8ft
High	0948, 3.5ft	1029, 3.5ft	1111, 3.5ft
Low	1449, 1.6ft	1524, 1.7ft	1601, 1.8ft
High	2100, 5.5ft	2134, 5.6ft	2010, 5.6ft
LOW TEMP	59	58	57
HIGH TEMP	75	76	73

1. Incident Name	2. Operational Period (Date/Time)	Operational Period	INCIDENT BRIEFING
Refugio Incident	From 06/01/2015 06:00 To 06/03/2015 05:59	Ops Period 11	ICS 202-CG

3. Objective(s)

Ensure the safety of response personnel and the public.

Continue to evaluate the oil impacts

- a. At release site
- b. Between pipe and beach
- c. Beach cleanup
- d. Evaluate SCAT

Continue to prevent migration of oil from release site to shoreline

Continue to recover discharged oil from impacted areas, both public and private, and manage waste according to plan.

Continue to ID and protect environmentally sensitive areas

Continue to protect culturally sensitive areas including wildlife.

Keep public and stakeholders informed

Minimize economic impacts

Repair pipeline safely

Provide for the recovery and care of oiled wildlife.

Differentiate incident oil from other reports of oil.

Demonstrate progress towards endpoints.

4. Operational Period Command Emphasis (Safety Message, Priorities, Key Decisions/Directions)

Anticipate problems and plan resolutions.

Limitations and Constraints

Tides

Access to beach

Location

Weather System

Permitting with the county and other authorities

Cultural Considerations

Nesting season

Hotel accomodations

Protection of Critical Infrastructure

Ensure continuity of Incident Command Post Operations

All response related media releases require Unified Command approval

Keep Unified Command aware of VIP request

Immediately report any injuries, public or responders, to the Unified Command

Priorities

Safety

Security - Maintain Situational Awareness

Wildlife impacts - Notify Unified Command

Discharge quantities

Recovered quantities

Beach open

Source control

Protect cultural resources

Public information dissemination

Establish onshore soil end points - Environmental Unit

Changes in impacted beaches require that Santa Barbara County Public Health, Dr. Wada, be notified.

Ensure all operations are conducted in accordance with the approved plan.

Keep the Unified Command informed of volunteer needs.

Approved Site Safety Plan Located at the SBCOEM with the Safety Officer

Prepared by (Operations Section Chief)

kjellison

Date/Time

05/31/2015 15:50

INCIDENT OBJECTIVES

06/01/2015 13:29

CS 202